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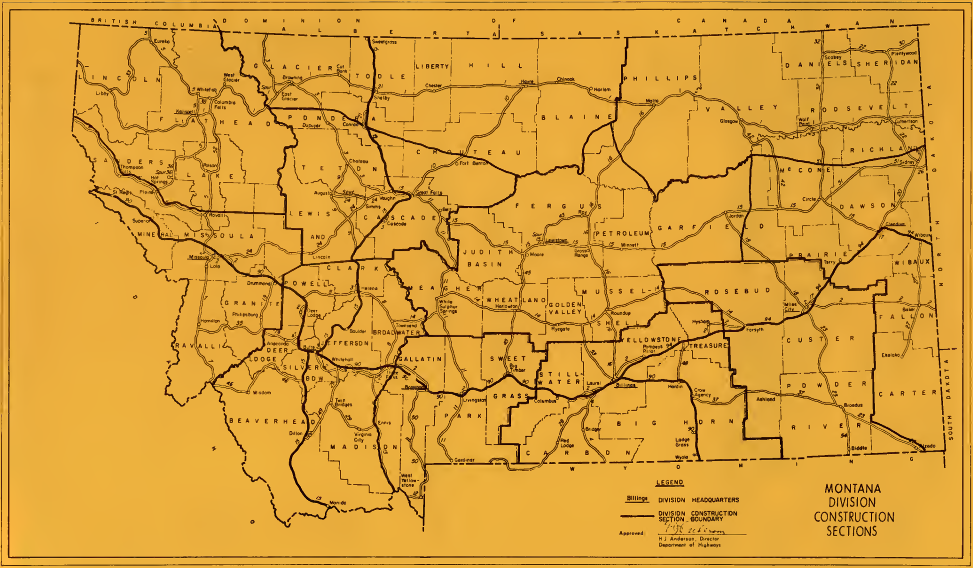
MONTANA HIGHWAY DEPARTMENT

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

JUNE 20, 1977


MONTANA
DIVISION
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SECTIONS
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Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H J Anderson, Director
Department of Highways
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DOMINION OF CANADA
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McCONE
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FALLON
CUSTER
CARTER
POWDER RIVER
ROSEBUD
TREASURE
BIG HORN
YELLOWSTONE
CARBON
STILLWATER
SWEET GRASS
PARK
GALLATIN
MADISON
BEAVERHEAD
SILVER BOW
DEER LODGE
GRANITE
RAVALLI
MISSOULA
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Kalispell
West Glacier
Browning
East Glacier
Cut Bank
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Shelby
Chester
Havre
Chinook
Harlem
Malta
Glasgow
Wolf Point
Culbertson
Scobey
Plentywood
Sidney
Circle
Glendive
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Terry
Jordan
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Whitehall
Boulder
Deer Lodge
Philipsburg
Hamilton
Missoula
Lolo
Drummond
Superior
St Regis
Plains
Thompson Falls
Hot Springs
Polson
Ravalli
Lincoln
Helena
Townsend
White Sulphur Springs
Harlowton
Ryegate
Roundup
Augusta
Simms
Vaughn
Great Falls
Cascade
Belt
Choteau
Conrad
Dupuyer
Fort Benton
Stanford
Lewistown
Moore
Grass Range
Winnett
Roy

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
JUNE 17, 1977

CONSTRUCTION BUREAU

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending June 17, 1977:

G E N E R A L

Skies have been partly cloudy, temperatures moderate with rain the past two weeks. Progress has been fair on the active projects.

P R E C O N S T R U C T I O N

I 90-1(12), Drexel-East & West
Length-5.8 Miles
There has been no word from the consultants.

Menasco-McGuinn Associates
Helena, Montana

I 90-1(13)39-43, Sloway-East & West
I 90-1(40)43-47, Superior-West
F 254(10), LaVista-Superior Primary
They are checking section corner ties, working on R/W, and finishing plans. The roadway portion of the contract is 97.1% complete, the bridge section is 99.9% complete, and the total contract as a whole is 97% complete.

Henningson, Durham & Richardson
Helena, Montana, Consultants
Probable Completion Date-July 30, 1977

I 90-1(77)22, Drexel-East & West
Length-5.342 Miles, Construction Staking
Construction layout remains 28% complete. Personnel are currently working on other assignments.

Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471

I 90-1(77)22, U-4, Drexel-East & West
Construction of Dual 122.5 ft. Concrete Girder Overpass (Drexel Interchange)

George Roat, Field Project Manager
Superior, Montana, Phone 822-4972
Contract Letting-June 23, 1977

RS 4(10), State Route 269, Stevensville
Length-0.5+ Mile, Preliminary Engineering
Survey data submitted to Helena June 15, 1977.

Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491

F 7-2(1)94, Madison, Fifth, & Arthur Street
Intersection Improvements
Survey data submitted to Helena June 14, 1977.

Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491

F 90(8), Thompson Falls-East
Length-10.0 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

F 93-1(1), U-1, Lolo Pass-Lolo
Length-16.0 Miles
Contract scheduled for letting in July.

Personnel Unassigned

F 197(8), Dixon-Ravalli
Length-8.5 + Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RF 215(27), Florence-Lolo, Add 2 Lanes
Length-8.5 Miles
Work this past period has consisted of plotting cross-sections, preparing linen plan and profile sheets, and program coding. Design is 18% complete.

Jim Smith, Designer II
Missoula, Montana, Phone 549-6491

RF 223(6), Plains-Paradise
Length-6.9 Miles
Work has been suspended while personnel are on other assignments. The survey is 6% complete.

Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491

FF 259(18), Victor-South
Length-9.5 Miles
Two men are running levels. The survey is 5% complete.

Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491

ROS 4144(52), Bridge End Protection
East Missoula - Bridge End Guardrail &
Concrete Median Rail

Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Letting-June 23, 1977

M 8114, Missoula
Fifth and Sixth to Seventh Streets
Work will be started when personnel are available.

Personnel Unassigned

M 8106(2), Madison & Spruce Streets
Scott, Toole & Spruce Streets
No survey work has been done on this project.

Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8115(1), Van Buren Street at Missoula & Wylie, Holly to Lolo on Rattlesnake Drive
Survey data submitted to Helena June 3, 1977.

Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8120(1), Clements & South Avenue Intersection Improvement
Survey data submitted to Helena June 15, 1977.

Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491

CONSTRUCTION

I 90-1(80)0, Lookout Pass-East
Length-10.732 Miles, AGS-PMS-G. Rail-Sign
Contract Awarded May 6, 1975
Amount of Contract-$5,359,580.07
Work Started June 30, 1975
Work Proceed Date-May 28, 1975

Northwest Construction, Inc.
Kirkland, Washington, Contractor
Cecil Owen, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-200 Working Days
Probable Completion Date-May 1, 1977

The project as a whole is 99% complete with 78% of the contract time elapsed. Pit reclamation remains to be completed. A two-man engineering crew is compiling final data for submittal to the Division office about July 8, 1977.

I 90-1(78)11, Saltese-DeBorgia
Length-10.8 Miles
PMS, PCCP & Related Items
Contract Awarded-May 3, 1977
Amount of Contract-$6,244,632.55
Work Proceed Date-May 24, 1977

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Probable Completion Date-September, 1978

One four-man survey crew has been working five 8-hour shifts per week establishing control points for asphalt and concrete paving. Also staked the metal bin retaining wall right of eastbound Station 665+88 to 670+00.4 and presently are staking culvert and manholes from Station 655+00 to 743+75. Crushing operations on plant mix aggregate grade B began June 14th at the Washington pit at St. Regis. Material is being stockpiled at the pit site. Construction layout is 13% complete.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
Saltese-Haugan & DeBorgia-East & West
Length-10.828 Miles, GR-AGG. SURF-PMB
Contract let December 14, 1972
Amount of Contract-$5,533,558.78
Work Started February 15, 1973

Washington Construction Company
Missoula, Montana, Contractor
Carl Smith, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-350 Calendar Days
Completed on August 12, 1976

Final estimate has been turned in to the Division office for checking. It will be forwarded to Helena about August 5, 1977.

I 90-1(77)22, U-1, Drexel-East & West
Length-455.0 Ft. & 638.0 Ft. Composite
Steel & Girder Bridges over St. Regis River
Contract let July 2, 1975

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
Jack Silvey, Engineer Tech. 3
Superior, Montana, Phone 649-2471

Work Started August 19, 1975
Amount of Contract-$2,282,935.00
Probable Completion Date-May 20, 1977
Contract Time-140 Working Days
Miscellaneous steel stored in Missoula yard has been spot painted. Painting of structural steel stored at St. Regis is underway. The project as a whole is 99% complete with all of the contract time elapsed. Construction layout, with one engineer engaged, is 80% complete.

I 90-1(77)22, U-2, Drexel-East & West
Length-0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract-$1,453,180.88
Work Started July 6, 1976
Work Proceed Date-July 6, 1976
Final estimate being checked in Division office. It will be forwarded to Helena about July 8, 1977.

Washington Construction Company
Missoula, Montana, Contractor
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-120 Working Days
Work Completed-December 7, 1976

I 90-1(77)22, U-3, Drexel-East & West
Length-138.0 Ft. Prestressed Concrete Girder Overpass
Contract let November 19, 1976
Amount of Contract-$292,648.99
Work Started April 15, 1977
Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-135 Working Days
Probable Completion Date-November 15, 1977
The contractor is excavating at bent #3 and is preparing to place concrete at bent #1 and has completed the placement of concrete for the footings at bent #4. The project as a whole is 4% complete with 30% of the contract time elapsed. The contractor has seven men working five 8-hour shifts per week.

I 90-1(77)22, U-5, Drexel-East & West
Structures at Sta. 241+61 & 251+80 & Grading
Contract let February 24, 1977
Amount of Contract-$1,102,551.98
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
The contractor has completed the work bridge at Sta. 242 and is now constructing coffer-dam rings. The contractor is working five 8-hour shifts with a twelve-man crew. The project as a whole is 3% complete with 20% of the contract time elapsed. Construction layout, with one engineer engaged, is 81% complete.

I 90-1(77)22, U-6, Drexel-East & West
Length-0.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract let May 26, 1977
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Amount of Contract-$1,232,649.35
Contractor has not advised when he plans to start work.

I-IG 90-1(61)27, U-1, St. Regis-East & West
Length-151.5 Ft. Prestressed Concrete Girder Bridge, 376 Ft. Composite Steel over St. Regis River, & Grading Detour Road
Contract let March 31, 1977
Amount of Contract-$1,007,222.56
Cop Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
Superior, Montana, Phone 822-4972
Contract Time-250 Working Days
Probable Completion Date-November 15, 1977

Work has consisted of excavating for the footings and placing concrete for the footings at Bent No. 1. The contract as a whole is 1% complete with 13% of the contract time elapsed. Six men are working five 8-hour shifts per week. Construction layout, with two engineers engaged, is 10% complete.

I 90-1(59)35, U-1, St. Regis-East
Length-3.6 Miles, GR-AGG. SURF-PMB
Sign & Flasher Installation
Contract let December 16, 1976
Amount of Contract-$2,836,425.90
Work Proceed Date-April 18, 1977
Washington Construction Company
Missoula, Montana, Contractor
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-220 Working Days
Probable Completion Date-December 15, 1977

The contractor is presently grading from Station 850 to Station 870, westbound in the cut left and placing the material in the fill from Station 830 to Station 850, eastbound. The project as a whole is 17% complete with 16% of the contract time elapsed. Twenty-five men are working five 8-hour shifts per week. Construction layout, with a 14 man engineering crew engaged, is 49% complete.

I 90-1(87)45, Superior-West
Length-544.5 Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract-$1,084,707.40
Work Started August 25, 1975
Hensel-Phelps Construcion Company
Vancouver, Washington, Contractor
George Roat, Field Project Manager
Superior, Montana, Phone 822-4972
Contract Time-250 Working Days
Probable Completion Date-July 15, 1977

Work was resumed on June 1, and has consisted of placing concrete for the deck on Span No. 2, part of Span No. 3 and part of Span No. 4. The project as a whole is 86% complete with 86% of the contract time elapsed. Sixteen men aor working five 8-hour shifts per week. Construction layout, with a three-man engineering crew engaged, is 85% complete.

I 90-1(51)78, U-3, Huson-West
Length-1,020.0 Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Apps.
Contract let August 16, 1974
Amount of Contract-$2,367,500.00
Work Started October 9, 1974
Hensle-Phelps Construction Company
Vancouver, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-280 Working Days
Probable Completion Date-May 30, 1977

The contractor is sandblasting deck surface areas to be sealed and is placing epoxy seals. The project as a whole is 98% complete with 95% of the contract time elapsed. Three men are working three 8-hour shifts per week. Construction layout, with one engineer engaged, is 100% complete.

RF 164(20), Philipsburg-South
Length-7.7 Miles, PMB. Seal & Cover
Signing & Lighting
Contract let May 13, 1976
Amount of Contract-$591,661.11
Work Started May 26, 1976
Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-90 Working Days
Probable Completion Date-May 20, 1977

Final data will be submitted to the Division office about June 24, 1977.

RF 192(9), Arlee-Safety, US 93
Flasher Installation & Traffic Control Devices
Contract let November 19, 1976
Amount of Contract-$29,588.95
Work Started March 14, 1977
Work Proceed Date-April 19, 1977

S & S Construction Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-20 Working Days
Probable Completion Date-June 15, 1977

No work has been performed on this project since March 17, 1977. The project as a whole is 42% complete with 0% of the contract time elapsed. Construction layout, with a two-man engineering crew engaged, is 85% complete.

HHS 219(1), FF 219(32), & HHS 219(35)
DeSmet Interchange-North, Evaro-North & South, & Evaro Hill
Length-10.595 Miles, Missoula & Lake Counties
Contract let February 26, 1976
Amount of Contract-$876,235.40

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-110 Working Days
Contract Completed-September 29, 1976

Final estimate will be submitted to Helena about July 1, 1977.

RS-DP 224(14) U-2, Reserve Street
Length-148.0 Ft. Concrete Girder Overpass over C.M.ST.P.& P. Railroad, Approaches & Fencing
Contract Awarded-May 2, 1977
Amount of Contract-$360,910.77
Work Proceed DAte-May 23, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-105 Working Days
Probable Completion Date-November 15, 1977

The contractor has not arrived on the jobsite as of this date. Two men are working in the office on notes and computations.

RS 343(12), Avon-Helmville
Length-5.1 Miles, G-AGG. SURF-PMB Widen & Guardrail Revision
Contract let May 27, 1976
Amount of Contract-$1,168,747.12
Work Started-July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Drummond, Montana, Phone 288-3280
Contract Time-150 Working Days
Probable Completion Date-August 15, 1977

The contractor has completed placing 1" plant mix base. The project as a whole is 83% complete with 79% of the contract time elapsed. Twenty-one men are working five 8-hour shifts per week. Construction layout, with eight engineers engaged, is 95% complete.

M-RS OOOS(53), Missoula County-Urban
Length-37.9 Miles, Signing & Delineation
Contract let October 29, 1976
Amount of Contract-$58,986.70
Contract Time-90 Working DAys

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491

Project was completed June 10, 1977. Final estimates will be submitted to the Division office August 5, 1977.

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract let November 19, 1976

Fred Strandberg Construction Company, Inc.
Helena, Montana, Contractor
Jim Williams, Field Project Manager

Amount of Contract-$125,400.50 Missoula, Montana, Phont 549-6491
Work Proceed Date-April 18, 1977 Probable Completion Date-July 29, 1977
Work Started February 23, 1977
There has been no work on this project the past two weeks. The contractor plans to resume work on about June 20, 1977. The project as a whole is 5% complete with the construction layout 18% complete.

M 8107(4), North Orange Street, Missoula Midland Electric Company
Length-0.8 Mile, Lighting & Overhead Monitor Billings, Montana, Contractor
Contract let August 25, 1976 Jim Williams, Field Project Manager
Amount of Contract-$85,663.22 Missoula, Montana, Phone 549-6491
Work Started March 22, 1977 Contract Time-60 Working Days
Work Proceed Date-September 20, 1976 Probable Completion Date-June 17, 1977
The contractor has been working on conduit, pouring light and sign bases and doing clean-up work. The project as a whole is 88% complete with 64% of the contract time elapsed. Three men have been working five 8-hour shifts per week. Construction layout, with two engineers engaged, is 85% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula Western Sign Corporation
School Crossings, signing & Signalization Great Falls, Montana, Contractor
Contract let June 10, 1976 Julian Hughes, Field Project Manager
Amount of Contract-$106,132.00 Missoula, Montana, Phone 549-6491
Work Started July 20, 1976 Contract Time-60 Working Days
Work Proceed Date-July 6, 1976 Probable Completion Date-May 30, 1977
Project completed June 2, 1977. Final estimate will be submitted to the Division office about August 5, 1977.

SMP 3299-77, Missoula & Ravalli Counties Washington Construction Company
Crush & Stockpile 55,000 Tons Aggregate Missoula, Montana, Contractor
Contract let Januray 27, 1977 Dwight Lohn, Lab Supervisor 2
Amount of Contract-$166,025.00 Missoula, Montana, Phone 549-6491
Work Proceed Date-April 18, 1977 Contract Time-80 Working Days
Work Not Yet Started Probable Completion Date-July 15, 1977
The subconstrctor has crushed and hauled approximately 5,000 tons from Pit 3210-62 at Rainy Lake. The subcontractor has six men working five 9-hour shifts per week. The project as a whole is 8% complete, with 33% of the contract time elapsed.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

DEPARTMENT OF HIGHWAYS

Kalispell, Montana

CONSTRUCTION BUREAU

June 17, 1977

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending June 17, 1977.

G E N E R A L

Progress has been fair to good. Weather was slightly below normal temperatures with light intermittent precipitation. Day time temperatures ranged from +55° to +78° with night temperatures from +37° to +47°. Highways are in average late spring driving condition with increasing traffic.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 2000' & 4700' Alignment
Design Started - April 5, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Bridge situation sheets were submitted to Helena on June 13, 1977. A Typical Section will be requested as soon as the soils survey is complete. Thirty Four man days have been used to date on design, which is approximately 6% complete.

F83-2(1) 67 Swan Lake North Overlay
Length - 12.7 Miles
Survey & Design Authorization - Jan. 31, 1977
Design Started - Feb. 23, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

The Materials Bureau is presently in the process of reviewing the entire project to determine the adequacy of the roadway structure. Results will indicate how the plant mix overlay is to be designed, and what additional provisions will have to be made, such as digouts, filter fabric or rubberized asphalt.

F-38-1(13); ((F-100(9)) Columbia Falls East & West RS486-1(2); ((S-334(2)) Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - August 30, 1977

F-38-1(2)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 329 man days have been used to date on design, which is approximately 70% complete.

RS-468-1(2)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 77 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3) (RF-257(16)) & LSF-1-257(5) Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for January 1978 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950

A 5 man survey crew worked 9 days the past period, referencing control points and R/W. A total of 317.5 man days have been used to date.

Utilities

Montana Power Company worked 1-8 hour shift the past period with 4 men employed running the new service to the house left of Sta. 493+ and a temporary service to the house right of Sta. 494+. They are presently working on other projects, but are scheduled to return to this project shortly. The relocation remains at approximately 45% complete.

Harp Line Construction Co., contractor for Flathead Electric Co-op, worked 6-8 hour shifts the past period with 4 men employed. Work consists of stringing the 410 ACSR transmission wire. The relocation is approximately 40% complete.

F-54(1) ((F-263(8)) Stryker-Roosville
Length - 6.0+ Miles
Design Started - May 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

F-5-4(1) (F-263(8))

Two men worked 10 man days the past period on the hardshell and coding a COGHO run for the base line. COGHO code sheets were submitted to Helena with original cross sections. Work has now begun on plan sheets. 18 man days have been used to date on design, which is approximately 2% complete.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Suspended - Jan. 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date - Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed currently assigned projects. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

C O N S T R U C T I O N

HHS 1-2(2)121 (HHS 257(30))
Kalispell East-Street Lighting and Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Not Started

Harp Line Const. Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 120 Working Days
Prob. Comp. Date - Pending

There has been no work by the contractor to date. A 5 man survey crew worked 1/2 day the past period laying out the median curb at LaSalle Junction, as the contractor had requested quantities so that he could order the curb. The pre-construction conference will be scheduled for the near future.

ERFO 72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - Oct. 29, 1976
Contract Awarded - Oct. 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - Nov. 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time - 120 Working Days
Prob. Comp. Date - Sept. 1, 1977

Progress has been good. Contractor working 5-8 hour shifts, employing approximately 30 persons. 12,411 tons of class III riprap has been placed, making a total of 136,750 tons or approximately 88% complete. One dozer working dike restoration. 64 lineal feet of 11 ft. 5 in. nulti-plate installed, making a total of 268 lineal or 85% complete. Excavation and embankment on line change between station 150 to 187+, making line change approximately 70% complete.

ERFO 72(2) Essex-Summit (cont.)

All aggregate for surfacing has been crushed and stockpiled. Hot plant is tentatively scheduled to arrive on project June 22, 1977. Project as a whole is approximately 70% complete with 35% of the contract time elapsed. Construction layout remains approximately 79% complete with 9 engineering personnel assigned to surveying and inspection duties.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Grider Bridge &
Grade, & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975(Con.by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Company
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 300 Working Days
Prob. Comp. Date - July 1, 1977

Progress has been poor with little increase in pay items due to the striking laborers union and nature of remaining work. The contractor worked 10-8 hour shifts employing 2-11 men. All concrete for the W.B. barrier has been placed and is presently being finished. Other work consists of stripping the W.B. overhang forms and erecting a scaffold for stripping the deck forms. The project remains approximately 98% complete with 93% total contract time elapsed (without time adjustment for the strike). Two state inspectors are assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on Four
Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976(FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - Oct. 13, 1976

Signal Electric Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 45 Working Days
Project Completed - April 29, 1977

The project was completed and accepted on April 29, 1977. One to two state employees have been working on the notes and final as time permits. Final was submitted to Division office June 15, 1977, and should be submitted to Helena about August 1, 1977.

DP-270(13) U.S. #93 North of Kalispell
Grade, Gravel Surface
Length - 0.776 Miles
Contract Let - Feb. 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount $285,900.23
Proceed Order - April 16, 1976
Wrok Started - April 27, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 60 Working Days
Project Completed - Dec. 3, 1976

Final is being checked in division office as time permits, and should be ready for submittal to Helena about June 30, 1977.

F-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One Pre-Stressed
Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Wrok Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 200 Working Days
Project Completed - Dec. 6, 1976

2 men have been working on the final the past two weeks. Estimated submittal date remains August 1, 1977.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers, Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59925
Phone: 295-4741
Contract Time - 140 Working Days
Prob. Comp. Date - August 1, 1977

Progress has been fair. The contractor has been working 5-8 hour shifts per week, with 25 to 30 men employed. The 1 1/2" Cr. base has been placed on the roadway and completed on June 13, 1977. 3/4" Top Surf. is now being crushed and placed on the roadway. The sub-contractor for seeding also completed that item over the past period. The project as a whole is now 75% complete with 88% of the contract time elapsed. Nine engineering personnel are now assigned to the project and construction layout is approxiamtely 80% complete.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.8 Miles
Contract Let - Dec. 18, 1975
Contract Awarded - Dec. 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Stobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 180 Working Days
Prob. Comp. Date - July 15, 1977

No progress the past period. A three man guard rail crew completed guard rail, signs and R/W markers on May 3, 1977. All contract items and change orders are 100% completed with the exception of chip and seal and stripping, which will be completed in the summer of 1977. The project as a whole remains 95% complete with 82% of the contract time elapsed. Construction layout remains 96% complete with one to two men on field notes as time permits.

RS 4144(52) U1 Polson
RS 4144(52) U12 Ravalli
Bridge End Treatment
Contract Let - Feb. 24, 1977
Contract Awarded - Feb. 28, 1976
Contract Amount - $16,025.45
Proceed Order - April 18, 1977
Work Not Started

Western Sign
Great Falls, Montana 59401
Daniel Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 30 Working Days
Prob. Comp. Date - July 1, 1977

The contractor plans to move to the project and begin work June 16, 1977. Construction layout is approximately 75% complete with one state employee assigned. The project as a whole is 0% complete with 0% of the contract time elapsed.

M6730(1) & RS-404(8) Kalispell-South Loop
Grade, Agg. Surf., Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - Oct. 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - Oct. 28, 1976
Work Started - Nov. 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - Oct. 15, 1977

Work has been fair the past two weeks. Placement of 1 1/2" base was completed from Station 508 to 537, making this item complete except for approaches. Work in progress consists of 2 rollers, 2 patrols and 2 water wagons finishing 1 1/2" base to blue tops. MC-70 prime oil began on June 16, 1976 with approximately 1 mile completed from 565+ to 615+. Construction layout is appromixately 63% complete with 13 engineers and inspectors currently assigned to the project. The project as a whole is approxiamtely 68% complete with 38% of the contract time elapsed. The contractor currently employs approximately 14 men.

SMP-1599-76(State Projects)
4 Crusher Setups in Flathead, Lake Lincoln, and Mineral Counties
Contract Let - Dec. 17, 1976
Contract Awarded - Dec. 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Started - March 29, 1977

Frank Boroni Construction
Butte, Montana
John Kalien, Lab. Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 65 Working Days
Project Completed - June 14, 1977

Progress the past period has been good. Sub-contractor, Washington Construction, completed Pit No. 3120-24 (St. Regis), which completes the entire contract. Lab is checking tickets and working on final. Contract is 100% complete with 60% time elapsed.

Relocation: Montana 37 - Unit 3A Libby Dam & Lake Koocanusa Project
Length - 2.44 Miles
Contract Awarded - Aug. 3, 1976
Contract Amount - $732,945.00
Proceed Order - Aug. 31, 1976

Bering Straits Const. Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corp of Engineers
Libby, Montana 59923
Phone: 293-6221
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time - 360 Working Days
Est. Comp. Date - Pending

Progress has been fair. The contractor is working 5-8 hour shifts a week with 16 men employed. Six trucks are hauling borrow and placing it in embankment at the beginning of the project. The project as a whole is approximately 30% complete with one Corp inspector in charge.

Howard A. Stockwell
for James J. Keithley, P.E.
Supv. Div. Const. Section

JJK:HAS;mjb

Department of Highways

Butte, Montana CONSTRUCTION BUREAU

June 16, 1977

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending June 14, 1977. The weather has been cool with some rain showers and temperatures ranging from +39° to +83°.

PRECONSTRUCTION

F 8-2(3)
Intersection of 11th Ave. and
Fee St.-Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 8-4(1)77
Townsend-Toston
Pl. Mix Overlay on U.S. #287
Design
10.125 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Estimate Completion Date:
June 21, 1977

Work for the period consisted of making Plan-In-Hand review changes, writing special provisions and compiling the estimate for the project. A three man crew expended 15 man days for a total of 75 man days used to date. Design work on the project is 99% complete. Guard rail that had been planned has been eliminated and will be constructed on a future unit two project. Design work will be completed upon receipt of recommendations from Helena for a Herbicide which will be used to destroy vegetation on the shoulders of the road. It is estimated that the completed project will be sent to Helena on June 21, 1977.

I IG 15-3(13)157
Basin-Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Design

I IG 15-3(13)157 Cont'd.
R/W plans are being prepared. A portion of the title memos were received on June 13, 1977. Culverts and drainage cross sections are being worked on. Water surface profiles at all bridges and channel encroachments will be completed within a week. Preliminary bridge plans for the Frontage Road bridge at Station 1360 will be submitted to the MDH, Bridge Bureau, on June 15,1977.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 393-1(1)3
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 23, 1977

Work for the period consisted of compiling quantities for a preliminary cost estimate and checking typical section quantities. A three man crew expended three man days for a total of 48 man days used to date. Design work on the project is 11.5% complete.

RS 441-1(1)0
Gregson Road
Design
2.969 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
October 21, 1977

PRECONSTRUCTION

RS 441-1(1)0 Cont'd.
Work for the period consisted of compiling quantities for a preliminary cost estimate and plotting the cross sections for the remaining 20% of the project. A three man crew expended 5 man days for a total of 35 man days. Design for the project as a whole is 10% complete.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on the project has been suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted and inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 1810(1)
Grand Ave.-Butte
Design
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
January 5, 1978

Design work consisted of proof reading linens. The project as a whole remains 12.5% complete with 16 man days used to date.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

F FF 8-2(5)46 Unit 1
East Helena East & West
The construction of a dual 276.0 ft. prestressed concrete girder overpass (Over B.N. Inc.)
0.052 Miles
Lewis & Clark County
Contract Let: May 26, 1977
Bid Price: $648,804.88
Work Not Started

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 175 Working Days
Probable Completion Date:
July 22, 1978

Preconstruction Conference has not been held.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 200 Working Days
Probable Completion Date:
May 27, 1977

Work the past period consisted of work under C.O. #2 consisting of installation of curbing and landscaping. Project as a whole is 99% complete with 103% of the contract time elapsed. There are two Engineers assigned to this project and they are presently helping on project M 0299(3).

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit. Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1694
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on July 21, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville North
Grading, Surfacing and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 250 Working Days
Probable Completion Date:
September 9, 1977

Work the past period consisted of erecting fence. The contractor employed 4 men for 2-8 hour shifts. Project as a whole is 64% complete with 52% of the contract time elapsed. Construction layout as a whole is 80% complete with 4 Engineers and 2 Inspectors engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205, & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles

Western Sign Corp. Lewis Constr. Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207 Cont'd.
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Warm Springs, Mt. Tel. 693-2242
Contract Time: 150 Working Days
Completion Date:
November 16, 1976

Final Data was submitted to Division Office on April 22, 1977. Checking of Final Data by Division Office personnel will commence when time permits. It is estimated that Final Data will be sent to Helena on September 30, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 230 Working Days
Completion Date:
November 6, 1976

Final Inspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena Sept. 23, 1977.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

No work the past period. Project as a whole is 43% complete with 27% of the contract time elapsed. Construction layout as a whole is 82% complete. The 5 man Engineering crew is helping on proj. M 0299(3).

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975

Meyer Constr. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:

FH 28-1(3) Cont'd.
Bid Price: $2,227,170.70
Work Started: June 5, 1975

August 31, 1977

Work the past period consisted of laying culverts. Project as a whole is 76% complete with 83% of the contract time elapsed. Construction layout as a whole is 91% complete with 6 Engineers engaged.

F 29-1(2)42
Intersection of Main St. & 7th Ave. & Main St. & 4th Ave. in Twin Bridges
Traffic Control Devices
0.00 Miles
Madison County
Contract Let: April 28, 1977
Bid Price: $14,539.00
Work Not Started

Western Sign Corporation
Great Falls, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 45 Working Days
Probable Completion Date:
August 15, 1977

Preconstruction Conference was held May 18, 1977. Awaiting arrival of materials.

RS 34(7)
Wisdom-South
Grading,Agg. Surf., Pl. Mix Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 29, 1976
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

No work the past period. Project as a whole is 61% complete with 45% of the contract time elapsed. Construction layout as a whole is 97% complete. There is a 7 man engineering crew assigned to this project.

HHS 089-1(001)
Various Intersection U.S. #91 in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Not Started

S&S Construction
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 30 Working Days
Probable Completion Date:
July 29, 1977

Preconstruction Conference held February 15, 1977. Awaiting arrival of materials.

I IG 90-3(27)172 Unit 1
Garrison East and West (West Section)
The construction of a 590.83' Avg. length dual composite steel and

General Const. Co.
Butte, Montana
Robert Gilman, Manager

I IG 90-3(27)172 Unit 1 Cont'd.
concrete girder bridge (Over Burlington Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Not Started

Field Project
Deer Lodge, Mt, Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
September 15, 1978

Preconstruction Conference was held June 8, 1977.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Construction Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

Road
Work the past period consisted of grading operations. Project as a whole is 75% complete with 42% of the contract time elapsed. The contractor employed 36 men for 10-8 hour shifts. Construction layout is 85% complete there is 9 Engineers and 2 Inspectors engaged on project.
Bridges
Progress during the past period was fair. Work consisted of: Sta. 842+26. 32 (E.B.) Stripping underside of deck; cleaning girders; placing concrete, stripping, finishing & curing left curb & forming on right curb. (W.B.) - Forming on Span No. 2 & No. 3 deck. Percent complete for the items are as follows: Conc. Cl. AD, 89%; Prebeams Type A & 4, all 100%; Struct. Excav. Type 1, 100%; Test Pile Item 461020000 & Item 461020001, 100%; Furn. & Drive T.T. Pile, 100%; Pile - Prebore Holes, 100%; Struct. Steel - Item 431001000, 100%; Struct. Steel Item 431001010, 94%; Reinf. Steel, 82%; Br. Rail Steel Type 5, 51%; Drainage System, 25% & Protective Coat, 75%. The structures as a whole are 87% complete for the working days used & percent of contract time elapsed see road mgr's. report. During the past period the bridge subcontr. (McIntyre Constr. Co.) worked 5-8 Hr. shifts, due to Labor Union Strike which was settled & work resumed on 6-7-77, with 20-men employed. Construction layout is 83% complete with a 3 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)

Max J. Kuney Co.
Spokane, Washington
Matt J. Vranish, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)

I IG 90-3(39)176 Cont'd.
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
November 18, 1977

Road
Work the past period consisted of conducting grading operations. The contractor employed 40 men for 6-8 hour shifts. Project as a whole is 49% complete with 58% of the contract time elapsed. Construction layout as a whole is 97% complete with 5 Engineers and 2 Inspectors engaged.
Bridges
The contractor has not worked on the structural section of this project during the past two week period. Percentages complete for the items are as follows: Structure Excavation 92%; Reinforcing Steel 47%; Class AD Concrete 67%; Traffic Control 51%; Mobilization 59%; Structural Steel 85%; All Piling 100%. The structural section of the project is 70.5% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project
I IG 90-4(26)194 U2 and the
construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Contractor Time: 220 Working Days
Probable Completion Date:
July 29, 1977

Galen Interchange Structure at Sta. 939+75.20: Began forming deck.
Lost Creek Structure at Sta. 1012+20.00: Finishing Abutment Walls and Wings.
Clark Fork River Structure Sta. 196+75.00: Placed concrete deck-slab.
Percentage complete for items are as follows: Unclassified Channel Excavation 85%, Structure Excavation 88%, Reinforcing Steel 92%, Class AD Concrete 94%, Structural Steel 89%, Shoring and Crib 98%, Filter Material 85%, Gravel Blanket 87%, Class II Rip-Rap 80%, Mobilization 100%, Steel Beam Bridge Rail Type 5 45%, Pre-Stressed Beams Type A 60 Ft. 100%, Pre-Stressed Beams Type 4 85 Ft. 100%, Pre-Stressed Beam Type A 35 Ft. 100%. The Project as a whole is 91% complete with 87% of the Contract Time elapsed. The Contractor worked two (2) eight (8) hour shifts employing an average of twelve (12) men.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Work Started: December 17, 1975
Bid Price: $2,060,160.58

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
January 14, 1977

RF 171(17) & RS 167(10) Cont'd.
Work on Final Data is 95% complete in the Field Office. It is estimated that Final Data will be sent to Helena on Oct. 21, 1977.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

Work the past period consisted of grading operations and laying culverts. Project as a whole is 21% complete with 16% of the contract time elapsed. Construction layout as a whole is 78% complete with 7 Engineers engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.0 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Started: May 10, 1977

Jim Gilman, Excavating Co.
Butte, Montana
Robert Wilson, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 30 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of installing culverts and embankment protection. The contractor employed 5 men for 4-8 hour shifts. Project as a whole is 30% complete with 73% of the contract time elapsed. Construction layout as a whole is 84% complete with 3 Engineers and 2 Inspectors engaged.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix. Bit. Surf. and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Not Started

Zook Bros. Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
November 30, 1977

Preconstruction Conference was held June 3, 1977.

FF 401(3)
Intersection of Montana Ave.
and Billings, Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762

FF 401(3) Cont'd.
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

Contract Time: 45 Working Days
Probable Completion Date:
July 8, 1977

No work the past period. Waiting for materials. Project as a whole is 47% complete with 38% of the contract time elapsed. Construction layout as a whole is 75% complete with 3 Engineers engaged.

SMP 0499-77 (State Optioned)
Maintenance Crushing
Broadwater, Beaverhead and
Gallatin Counties
Contract Let: February 24, 1977
Bid Price: $119,000.00
Work Started: March 23, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Russell R. Yarnall, Materials
Supervisor III
Butte, Mt. Tel. 494-3666
Contract Time: 65 Working Days
Probable Completion Date:
October 28, 1977

This project is complete, but final inspection will await the seeding of the pit areas, which will not be able to be accomplished until after October 15, 1977.

M 1803(2)
Harrison Ave. and Amherst
St.-Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 28, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 45 Working Days
Probable Completion Date:
July 29, 1977

This Project is now complete, with the exception of Option Components that are presently on order from the factory.

M 1803(4)
Harrison Ave.-Butte
Pl. Mix Bit. Overlay, Curbs,
Traffic Signals, Signing, Sidewalks
and Beautification
0.3 Miles
Silver Bow County
Contract Let: May 26, 1977
Bid Price: $320,447.19
Work Not Started

Jim Gilman Excavating Inc.
Butte, Montana
Robert Wilson, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 90 Working Days
Probable Completion Date:
November 18, 1977

Preconstruction Conference has not been held.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 18, 1977

Work the past period consisted of excavating old pavement, placing 1½" gravel, and installing storm sewer, manholes and drop inlets. The contractor employed 19 men for 5-8 hour shifts. Project as a whole is 34% complete with 28% of the contract time elapsed. Construction layout as a whole is 92% complete with 4 Engineers and 2 Inspectors engaged.

ROS 4144(52) Unit II
Bridge End Protection - Bridge over
Missouri River & B.N.R.R.
Overpass Near Toston
Bridge End Guard Rail and
Shoulder Widening
0.596 Miles
Broadwater County
Contract Let: April 28, 1977
Bid Price: $63,630.50
Work Not Started

Western Sign Corporation
Great Falls, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
August 19, 1977

Preconstruction Conference was held May 18, 1977.

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Started: April 29, 1977

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
July 15, 1977

Work the past period consisted of minor work and adjustments. The contractor employed 1 man for 3-8 hour shifts. Project as a whole is 99% complete with 130% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Inspector engaged.

Richard B. Dundas, P.E. Supervisor
Division Construction Section-Butte

RBD/GBH/LCO/cu

P.O. Box 1110
Bozeman, Montana 59715

CONSTRUCTION BUREAU

June 17, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the three week period ending June 17, 1977. Frequent rain showers have hampered and at times completely stopped construction operations.

P R E C O N S T R U C T I O N

F 11-1(1) 54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

The information requested by the plan-in-hand report of April 27 was transmitted to Helena on June 9th.

F 13-1(1) 24
8 Mi. South of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 13-1( ) 30
3 Mi. South of Cameron - South
Length - 5.0 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 20(4) US 191 Spur
Approx. Length - 6.7 Miles

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Estimated Completion Date: Nov. 1977

The Mylar cross-section and profile were transmitted to Helena on June 17.

F 29-1(3) 16
Virginia City Hill
Length - 0.9 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

FH 42-3(2)
Slide Near Karsts-Gallatin County

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky

All information requested from the field has been transmitted to Helena.

F 45-1(1) 15
Big Timber-North
Length - 11.4 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

A final plan-in-hand inspection was held on June 13, 1977.

F 50-2(1)88
Signals
Intersections of Main & 5th Aveune-Bozeman

Engineer Unassigned

This project is on the schedule for the July 28, 1977 letting.

HHS 50-2(3)81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

There has been no field work to date but a two man crew has been performing preliminary investigations.

F 60(15)
Clyde Park-N & S

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

ROS 76(10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky

All requested information has been transmitted to Helena.

F 86-1(1) 0
Rouse Avenue & Lamme St. Int. - Bozeman

Engineer Unassigned

The installation of the bouncing balls at this intersection will be handled by Maintenance Forces.

HHS 86-1(2) 1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

There has been no work on this survey to date.

F 86-1( )
8 Mi. South of Park Co. Line-South
Length - 6.0 Miles

Engineer Unassigned

A plan-in-hand inspection was held on May 17, 1977.

F 86-1( ) — Engineer Unassigned
Park Co. Line - South
Length - 8.1 Miles

All information requested from the field has been submitted to Helena.

IR 90-6 ( ) — Engineer Unassigned
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

No information has been requested from the field.

I 90-6( )315 — Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

I 90-7(17)350 — Engineer Unassigned
Springdale - Big Timber
Length - 13.477 Miles

All information requested from the field to date has been submitted to Helena.

I 90-7(18)364 — Ronald T. Hoyem, FPM
Big Timber - Greycliff — Phone: 932-3272 Big Timber
Length - 10.814 Miles

All information requested from the field has been submitted to Helena.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Length - 9.2 Miles

All requested work has been completed.

I 90-7(34)375 — Ronald T. Hoyem, FPM
Greycliff - East — Phone: 932-3272 Big Timber
Access Road (Prairie Dog Town)
Length - 0.440 Mile

All requested information has been transmitted to Helena.

I 90-7(36)321 U-2 — Engineer Unassigned
Bozeman Pass - East
Rest Area & Sand House

No information has been requested from the field to date.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074

All data collected over the winter months has been transmitted to Helena.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

No information has been requested from the field to date.

F 171(16)
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: April 1978

The survey crew was transferred off this location survey on April 25. There has been no work since that date. The location survey remains approximately 42% complete.

HHS 205-1(1)28
North of Bozeman
Guardrail - B.N. Overpass

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

The survey for this project has not been started.

HHS 370(26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

A public hearing was held on April 27, 1977.

S 478-1(1)0
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Completion Date: 7-1-77

A majority of the information gathered from the location survey was turned into the division office on June 8th. One man spent one week on checking and reduction of the notes. The location survey is now approximately 99% complete.

RS 563-1(1)0
Springdale - Hunters' Hot Springs
Length - 2.0 Miles
Design Started: 5-2-77

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion Date: Unknown

One man has been tracing hard-shall data onto linens and has penciled a proposed profile grade on linens. Data for the development of the Title Sheet Master has been submitted to the Preconstruction Bureau. Design of this project is currently 7½% complete.

M 1201 (1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The report for the preliminary plan-in-hand inspection held April 20, 1977, has been written by Thomas, Dean, and Hoskins, Inc.

M 1202 (1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Engineer Unassigned

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.

The report for the preliminary plan-in-hand inspection held April 20, 1977, was written by Thomas, Dean, & Hoskins, Inc.

SRS 4148 (52)
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Engineer Unassigned

All requested information has been submitted to Helena.

M 7403 (1)
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

Morrison-Maierle, Inc.

A planning report for this project was submitted by Morrison-Maierle, Inc. on April 19, 1977.

M 7404 (1)
Front St., from Main to Cemetary-Livingston
Design
Approx. Length - 0.9 Mile

Morrison-Maierle, Inc.

Morrison-Maierle, Inc. submitted a planning report for this project on April 19, 1977.

M 7406 (1)
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Mile

Morrison-Maierle, Inc. is handling the design of this project.

M 7412 (1) — Morrison-Maierle, Inc.
Ninth St., Geyser St. to Bridge End-Livingston
Design
Approx. Length - 0.3 Mile

A planning report was submitted by Morrison-Maie rle, Inc. on April 17, 1977.

M 7412(2) — Morrison-Maierle, Inc.
River Drive, From Ninth St. East-Livingston
Design
Approx. Length - 0.2 Mile

Morrison-Maierle, Inc. delivered a planning report for this project on April 19, 1977.

C O N S T R U C T I O N

F 64-1 US 191 Big Sky Spur
Gravel Sur., Plant Mix Sur.
Length - 3.0 Miles
Contract Awarded: 5-2-77
Contract Amount: $383,968.57
Proceed Order Date - 5-23-77
Work Started 6-16-77

Zook Brothers Construction Co.
Great Falls, Montana
Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Contract Time - 60 Working Days
Probable Completion Date: 8-1-77

The contractor started minor work consisting of regrading the PTW on June 16, 1977. At the present time, five men are employed by the contractor and a seven man survey crew is assigned to this project which is 0% complete. The contractor has 49 working days of contract time remaining.

I 90-6(30) 309, I 90-6(36) 315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structure
Length - 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186
Contract Time: 300 Working Days
Probable Completion Date: 1978

Progress has been fair with the contractor employing 66 men and working thirteen 8-hr shifts. The contractor has been hauling material from the cut between Sta. 132 and 140 and placing this material in the fill between Sta. 160 and 175. He is also hauling material from the Rocky Canyon Safety Project Sta. 465 and placing this in the fill between Sta. 10 and 41. 30,000 cu. yards of common unclassified excavation was accomplished bringing this item to 60% completion. 12,000 cu. yards unclassified excavation from the no blasting area was also moved during this period bringing this item to 41% completion. 7,000 tons of plant mix base was placed on the frontage road east of the summit and this is now being used for traffic. Contractor has also been back filling the vehicle underpass at Sta. 260+75. Some 330 lineal feet of 24"

CSP was also installed. A D-10 Cat was moved on the project June 14 and this unit was put into operation on June 16. A twenty-man engineering crew is currently assigned to this project which is 34% complete with 39% of the contract elapsed. The contractor has 180 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf. Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
George A Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 11-1-77

Progress has been poor with the contractor employing eight men. Crushing and stockpiling of 3" crushed base surfacing was resumed on June 9. Three eight-hour shifts were spent moving and drying gravel windrows. A twelve-man engineering crew is assigned to this project which is 79% complete with 67% of the contract time elapsed. The contractor has 91 working days of contract time remaining.

ROS 4144 (52) U-2
Manhattan - Belgrade
Bridge End Guardrail
Length - 0.335 Mile
Contract Awarded: 2-24-77
Contract Amount: $34,016.70
Proceed Order Date: 4-18-77
Work Started: 4-11-77

Western Sign Corporation
Great Falls, Montana
Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Contract Time: 40 Working Days
Probable Completion Date: --

The only work remaining consists of the installation of the curved sections at the guardrail end. The contract remains 90% complete.

SMP 0499-77
Crush and Stockpile
Broadwater, Beaverhead & Gallatin Co.
Contract Awarded: 2-28-77
Contract Amount: $119,000.00
Proceed Order Date:
Work Started: 4-13-77 - Gallatin Co.

Jim Gilman Excavating, Inc.
Butte, Montana
Walter H. Deighton, Lab Supr. 3
Phone: 586-9562 Bozeman
Contract Time: 65 Working Days

Seeding and reclamation of the Grayling Creek site were completed on June 6, 1977. All notes and tickets and supporting data will be sent to Butte in the near future. This will be the last report for this project.

Respectfully,

Edward J. Ryan for RCH

Richard C. Holmes, PE, Supr.-Div.Const.Section

RCH:EJR:wb
cc: Bozeman Division Office
Bozeman Lab
Gary A. Gilmore, PE, Div. Traffic Engineer

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
JUNE 20, 1977

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period June 7, 1977 thru June 20, 1977.

GENERAL

Weather has been clear to overcast with temperatures ranging from 45° to 80° with some rain showers causing work slowdown.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design remains 46% complete.

F 64 (15) - Gt. Falls East
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design remains 17% complete.

F 80-1 (1) - Overlay
Fort Benton - Geraldine
Length: 9.5 miles
Design Started: March 7, 1977

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: June 15, 1977

Two men worked 5 man-days. Design completed June 15, 1977, forwarded to Helena June 16, 1977.

RS 220-1 (2) - Farmington - North
Length: 8.5 miles
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

Two men worked 10 man-days making P.I.H. changes. Design is 62% complete.

Department of Highways — June 20, 1977

RS 220-1 (2) - Agawam - North
Length: 3.6 miles
Design Started: June 21, 1971

R. Fransen Disigner II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

Three men worked 15 man-days making P.I.H. changes. Design is 58% complete.

RF 236 (8) - Dupuyer No. & So.
Teton & Pondera Counties
Location Survey
Length: 20± miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: July 1977

Five man crew spent 29 man-days during period Running Centerline, establishing Controls Ahead, Locating Bench Marks and Running Bench Levels. Survey is 28% complete with 274 man-days used to date.

Rf 238 (13) - Bowman's Corner - Augusta
Location Survey
Length: 14.8 miles
Survey Started: December 27, 1976

Harry Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1977

43 man-days used during this period running Levels, establishing Bench Marks, taking Topog. and Cross Sections. Survey 65% complete with 566 man-days used to date.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

RS 565-1 (1) - Simms - North
Cascade & Teton Counties
Location Survey
Length: 1.1 miles
Survey Started: April 4, 1977

Harry C. Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
Completion Date: May 20, 1977

Location is 100% complete with 85 man-days used. Location Was submitted to Helena May 18, 1977 and returned to Great Falls Division office for review with County Commissioners.

Department of Highways

June 20, 1977

M 5201 (2) - 6th Street N.W.
Great Falls - Cascade County
Location Survey
Length: 0.581 miles
Survey Started: May 24, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: July 15, 1977

33 man-days were used Running Centerline, Establishing Benches, Running Levels and Making Property and Utility Ties. Survey is 44% complete with 54 man-days used to date.

M 5203 (1) - 3rd St. to Central Ave. West
Great Falls - Cascade County
Location Survey
Length: 0.5 miles
Survey Started: April 11, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: June 15, 1977

Two man-days were used checking property ties. Survey is 78% complete with 94 man-days used to date.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date: Nov. 15, 1977

Progress has been poor, due partially to the recent Labor Union strike. Apex Construction is removing, resetting and installing small sign faces from Jefferson City to Clancy also correcting miscellaneous guardrail discrepancies - Helena area. Isbister Contruction is building concrete 10:1 inlet grates. Items and percent complete are: Concrete Barrier Rail, 45%; Signing, 39% and Reset Signing, 22%. The project as a whole is 80% complete with 79% of the contract time elapsed. Construction layout is 95% complete with a 4 man engineering crew engaged in layout, inspection and notes. Intermittent lane closures from Jefferson City to 5 miles North of Craig for sign installations.

I 15-5(64) 238 U-1 - Hardy Crk. Ramps
I 15-5(50) 239 U-1 - Cascade N. & S. (N.SECT.)
Add 2 Lanes
Cascade County
Length: 2.9 miles
Contract Awarded: Feb. 28, 1977
FHWA Concurrrence: Feb. 28, 1977
Contract Amount: $459,725.41

Hilde Construction Company
P. O. Box 2287
Great Falls, Montana 59403
D. D. Moore, Mgr. F.P.U.
Harry Strong - Mgr. F.P.U.
Great Falls - Phone 453-2573
Comp. Time: 100 Working DAys
Prob. Comp. Date: Oct. 14, 1977

No work during this reporting period. Contractor plans to resume operations on or about June 22, 1977. The project as a whole is 2% complete with31% of the contract time elapsed. Construction layout is 90% complete with a 10 man engineering crew engaged in layout.

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concureence: January 31, 1977
Work Started: February 24, 1977
Amount of Contract: $188,651.79

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U (Structure)
D. D. Moore, Mgr. F.P.U (Approaches)
Harry Strong, Mgr. F.P.U (Approaches)
Great Falls - Phone #453-2573
Comp. Time: 110 Working Days
Prob. Comp. Date: July 31, 1977

Structure - No work during this reporting period, partially due to recent Labor Union strike. The structure is 51% complete with 34% of the contract time elapsed. Construction layout is 75% complete with a 2 man engineering crew engaged in lay-out and notes.
Approaches - No work during this reporting period. The approaches are 90% complete with 34% of the contract time elapsed. Construction layout is 100% complete with assigned engineering crew engaged in other projects.

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U.(Structures)
D. D. Moore, Mgr. F.P.U.(Approaches)
Harry Strong, Mgr. F.P.U.(Approaches)
Great Falls - Phone #453-2573
Comp. Time: 150 Working DAys
Prob. Comp. Date: July 31, 1977

Structures - Progress has been fair, with time being lost due to recent Labor Union strike. Structure 1842: No work. Structure 2095: Finishing hard concrete. Structure 301: Deck was poured June 13, 1977, with no work since. The structure is 87% complete with 63% of the contract time elapsed. Construction layout is 90% complete with a 2 man engineering crew engaged in layout, inspection and testing.
Approaches - No work during this reporting period. Approaches are 75% complete with 63% of the contract time elapsed. Construction layout is 100% complete with the assigned engineering crew engaged in other projects.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working DAys
Prob. Comp. Date: July 15, 1977

Progress has been fair. Contractor resumed worked June 13, 1977, engaged in cleaning concrete and removing piles. Items and percent complete are: Repair Structure, 98% and Bridge Rail, 90%. The project as a whole is 97% complete with 93% of the contract time elapsed. Construction layout is 99% complete with a 2 man engineering crew engaged in inspection, layout and other projects.

I 15-6(20) 304 - Teton River - N. & S.(S.Sect.)
4.3 miles - Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
PRob. Comp. Date: July 30, 1977

Roadway - Progress has been good, however, sometime lost due to the Labor Union strike. Contractor completed asphalt paving operations June 10, 1977. 1½" PMBB, 100% and 3/4" PMBS Type 3, 100%. The project as a whole is 94% complete with 51% of the contract time elapsed. Construction layout is 96% complete with a 10-13 man engineering crew engaged in inspection, testing and other projects.
Structures - Progress has been good, Teton River Structures: working on expansion joint, painting bridge rail and general clean-up. Separation Sta. 788: Finished protective coating, painted bridge rail and general clean-up. The structures are 99% complete with 51% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in inspection and other projects.

I 15-6(21) 304 - Teton River - N.&S.(S.Sect.)
Dual REst Area, Lighting & Related Items
Teton County
Contract Awarded: April 5, 1977
Contract Amount: $323,589.40

Sletten Construction Company
Great Falls, Montana
S. Newton, Mgr. F.P.U.
Brady - Phone #753-2581
Comp. Time: 175 Working Days

Progress has been poor, due to Labor Strike and rainy weather. Contractors have excavated for comfort stations and septic tanks, placing water lines. Concrete footings and foundations were formed and poured for S.B. building. The project as a whole is 5% complete with 14% of the contract time elapsed. Construction layout is 30% complete with a 2 man engineering crew engaged in inspection, testing and other projects.

I 15-6(16) 308 - Teton River - N.& S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit.Base
Pl. Mix Bit. Surf.; Signing;
Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co., (Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: Oct. 17, 1977

Roadway - No progress during this reporting period, contractor is awaiting completion of adjoining project, no time being assessed after May 13, 1977. The project as a whole is 97% complete with 95% of the contract time elapsed. Construction layout is 98% complete with a 1-4 man engineering crew engaged in other projects.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - No. & So.
11.5 miles Gr., Agr. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Lengthen 2 Add 2 Lanes - Teton & Pondera Counties
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working DAys
Completion Date: May 25, 1977

The project was completed May 25, 1977. Final inspection was made on May 25, 1977. One man working on Final Estimate and Supporting Data.

I 15-7(18) 330
E. Frtg. Rd. - Valier Jct. No. & So.
Pondera County
13.84 miles, Grading, Agg. Surf., Pl. Mix Bit. Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc.(Jv)
Great Falls, Montana
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: August 1977
Comp. Time: 140 Working Days

Progress has been good, Contractor engaged in producing and stockpiling Plant Mix Agg., installing pipe and grading operations. Items and percent complete are: Grader Motor, 53%; Scraper Hrs., 56% and Top Soil Salvaging & Placing, 35%. The project as a whole is 18% complete with 19% of the contract time elapsed. Construction layout is 97% complete with a 4 man engineering crew engaged in layout, inspection and testing.

RS 365-1 (1) - Brady Street
Teton County
0.371 miles, Pl. Mix Overlay
Contract Awarded: May 10, 1977
Contract Amount: $47,994.50
Work Started: June 7, 1977

Hilde Construction Company
P. O. Box 2287 - Gt. Falls, Montana
Stan Newton, Mgr. F.P.U.
Brady - Phone #753-2581
Prob. Comp. Date: July 1, 1977
Comp. Time: 45 Working Days

Contractor began work June 7, 1977, began producing and placing Plant Mix June 10, 1977 and completed paving June 13, 1977. The project as a whole is 98% complete with 38% of the contract time elapsed. Construction layout is 95% complete with a 1-4 man engineering crew engaged in layout, inspection and testing.

RS 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction Inc. Contr.
P. O. Box 2287, Great Falls, Montana
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
P. O. Box 1301, Conrad, Montana
Comp. Time: 110 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been good, Hilde Construction plans to start sealing when weather clears up. Contractor had three men patching driveways and plant mix seams June 7, 1977 and June 8, 1977. The project as a whole is 99% complete with 91% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in inspection, notes and other projects.

ROS 4144 (52) U-7
6th St. S.W. Underpass - Gt. Falls
Cascade County
Contract Awarded: May 2, 1977
Contract Amount: $19,167.50

Rehbein Contracting, Inc.
P. O. Box 339, Plains, Montana
Frank Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Days
Prob. Comp. Date: June 22, 1977

Progress has been good, Contractor excavating for and installing 12" RCP drain, also pavement widening to accommodate guard rail flare sections. Items and percent complete are: Culvert Exc. & Installation, 100%:; Top Surf. 3/4" Gr.2, 100% and Pl. Mix Surf., 73%. The project as a whole is 52% complete with 30% of the contract time elapsed. Construction layout is 100% complete with a 1 man engineering crew engaged in inspection and notes.

ROS 4144 (52) U-8
Warden Brdg. - 2nd St. Approach to 10th Ave.So.
Gt. Falls - Cascade County
Contract Awarded: May 2, 1977
Contract Amount: $12,547.00

Western Sign Corp.
P. O. Box 2669, Gt. Falls, Mt.
Frank Robinson, Mgr. F.P.U.
Gt. Falls - Phone #453-2573
Comp. Time: 30 Working Days
Prob. Comp. Date: June 22, 1977

Progress has been good, Contractor installing guard rail, B.E. Treatment Bituminous curb and Embankment Protector, also removed existing guard rail for salvage. Items and per cent complete are: Remove & Install Guardrail, 100%; Bituminous Curb, 100% and Embankment Protector, 100%. The project as a whole is 72% complete with 30% of the contract time elapsed. Construction layout is 100% complete with a 1 man engineering crew engaged in inspection and notes.

M 5201 (5) U-2
Structure on 6th St. S.W. Gt. Falls
Cascade County
Contract Awarded: May 31, 1977
Amount of Contract $2,008,232.79

Sletten Construction Company
P. O. Box 2467
Great Falls, Montana 59403
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days

Department of Highways

June 20, 1977

Pre-construction conference is to be held June 20, 1977.

SMP 5099-77
Maintenance
Cascade, Chouteau, Lewis & Clark &
Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company
P. O. Box 1626, Gt. Falls, Mt. 59403
Glen Enderson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
Prob. Comp. Date: July 22, 1977

Progress has been poor. The contractor began producing and stockpiling ½" Grade 4A Top Surfacing from Pit No. 2550-37 on June 4, 1977. The Crushing Unit broke down the same day and operations were suspended for extensive repairs. Contractor resumed June 15, 1977. Items and percent complete are: Mobilization, 13%; Haul Aggregate, 3.8% and Stk. Top Surf. ½" Gr. 4A, 14.5%. The project as a whole is 12% complete with 39% of the contract time elapsed. Construction layout is 0% complete with a 4 man engineering crew engaged in testing, weighing and inspection.

James T. Sullivan - P.E. -
Supvr. - Division Construction Section

JTS/MRB/ac

Progress Report

CONSTRUCTION BUREAU

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

June 17, 1977

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending June 17, 1977.

G E N E R A L

The weather this past reporting period has been generally favorable with some rain showers. The temperatures have ranged from 43° to 96°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. 1
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS 133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. 1
Havre, Montana
Telephone No. 265-6821

No work on this project the past reporting period. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey the past reporting period. All work was suspended on March 4, 1977 due to working on other projects. Centerline and bench levels are 100% complete, topography is 91% complete, check levels are 90% complete and cross-sections are 79% complete. A total of 229½ man days have been worked to date and the location is 57% complete.

RS 459 (1) Sunburst-East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier, Montana
Telephone No. 226-5811

No work on this project this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

C O N S T R U C T I O N

RS 12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Harlem, Montana
Telephone No. 353-2341
Contract Time: 140 working days
Probable Completion Date: 7/1/77

No work on this project this reporting period. All contract items are 100% complete except the seal and cover, and striping. The project as a whole is 88% complete with 71% of contract time elapsed. A 2 to 3 man engineering crew is working on notes for final estimate.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.32
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/15/77

Progress has been fair. The contractor and subcontractors worked ten 8 hr. days with up to 40 men employed. The largest portion of work by the prime contractor this reporting period was hauling 1½" crushed base to the project. This item is 95% complete. The remaining drop inlets were installed by the subcontractor. The installation of drainage items is now complete with the exception of adjusting manholes and inlet covers to grade. Concrete was placed at curb and sidewalk areas making curbs 90% complete and sidewalks 80% complete. Rainbow Electric Co. has been installing conduit for the traffic signals on 5th Ave. and 7th Ave. and placing tubular steel posts for the signing on the project. The project as a whole is 85% complete with 95% of the contract time elapsed. A six man engineering crew is assigned to construction layout and inspection.

RF 62 (14), & RF 132 (14)
Shelby-Chester, Chester-West
5.36 miles grade, aggr. surf.
Surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co. &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

No work on this project this period. All major items are complete except final cleanup and

finishing which is 95% complete. The project as a whole is 98% complete with 85% of the contract time elapsed. A 6 man engineering crew is working on other projects.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr. agg. surf., pl. mix
Bit. base pl. mix bit
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Probable Completion Date: 9/30/77

STRUCTURES:
Progress has been good. The subcontractor, Sletten Construction Co., worked 10 eight hour shifts with up to 11 men employed. Deck stripping and finishing are nearly complete at Sta. 1419 (Sunburst Interchange). Some deck stripping and finishing on interior bays, and the Rt. curb has been poured at Sta. 1439 (R.R. Structure). All piling has been driven at Sta. 1644 (McVey Interchange). The bean seat has been poured on Bent No. 1. The columns on Bent No. 2, and the cap on Bent 4 have also been poured at Sta. 1644. The subcontract as a whole is 74% complete. A 1 to 3 man engineering crew is presently engaged in inspection on the project.
ROADWAY:
Progress has been good. The contractor worked 10 nine hour shifts employing 10 to 40 men. 6,510 Cu. Yds. uncl. exc. was placed between Sta. 1650 and Sta. 1660 on 6/2/77 to complete rough grading. Finishing to blue tops and top soil operations are approximately 90% complete, making all grading items 97% complete. 500 Ln. Ft. 12" CSP emb. protectors was installed making drainage items 96% complete. Crushing operations worked 18 nine hour shifts with 34 men employed. Produced and stockpiled 39,000 tons 1½" pl. mix base aggregate for a total of 73,000 tons or 85% complete. 4,000 tons base course 1¼" Gr. 5 A was produced and placed on McVey Interchange making this item 14% complete. Fencing items remain 81% complete. Seeding items remain 21% complete. One day, 6/6/77, was lost due to the labor strike. The contract as a whole is 55% complete with 62% of the contract time elapsed. An 8 to 10 man engineering crew worked 9 days inspecting and misc. survey work.
UTILITIES:
Burlington Northern RR did not work this period. Their revisions remain 55% complete.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co., Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2491
Contract Time: 230 working days
Probable Completion Date: 6/30/77

The contractor employed 3 men on one 9 hr. shift per day sweeping excess cover material from the roadway. The 2nd application of asphalt and cover material was placed on June 16, 1977. The project as a whole is 99% complete with 96% of the contract time elapsed. A 1 to 3 man engineering crew is checking project notes and working on final.

I-15-8 (28) 343 U-2
Toole County Line North
1-Prestressed conc. girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2491
Contract Time: 150 working days
Completion Date: 9/2/76.

No work on this project. Work on the final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (28) 343 Unit 3
Toole County Line-North
Dual 481.5' prestressed
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2491
Contract Time: 235 working days
Completion Date: 10/30/76

Five man days were worked on the final estimate. Work on the final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (33) 343
Toole County Line-North
8.314 mi. agg. surf.,
pl. mix bit surf. & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work started: 5/16/77

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable Completion date: 11/15/77.

There has been no work on the project the past reporting period. A 6 man engineering crew is running centerline, miscellaneous staking and working on project notes.

RF FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77.

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion date: 11/15/77

Progress has been good. The contractor worked 20 nine hour shifts and 1 eight hour shift with 46 men employed. 152,886 Cu. Yds. Uncl. Ex. was placed between stations 201+00 and 338+00 for a total of 190,886 Cu. Yds. to date, making this and related items 27% complete. Installed 104 ln. ft. 24" CSP for a total of 1,267 ln. ft. or 74% complete. The subcontractor, Swan and Sons, worked 10 eight hour shifts with 6 men employed. Installed 1,101 rods of F-4W fence for a total of 2,196 rods or 41% complete. Installed 300 rods of temporary fence. The project as a whole is 10% complete with 25% of the contract time elapsed. A 7 man engineering crew is engaged in construction inspection and layout.
UTILITIES:
The Mountain States Telephone Co. continued working on telephone line revision with 2 men employed. The new line is in service. The old line is being removed.

RS-432-1 (2) 27
Big Sandy-Rudyard
7.3 mi. Chouteau & Hill Counties
Grade, Aggr. Surf. pl. mix
base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work not started

Wickens Brothers
Lewistown, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 140 working days
Probable completion date: 7/1/78

The contractor has not yet requested a preconstruction conference. A six man engineering crew started work on construction layout 5/11/77. Re-establishing centerline and R/W line is 100% complete. Slope staking is 30% complete. Construction layout as a whole is 60% complete.

TQS-464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77

E. F. Matelich Construction Co.,
Kalispell, Montana
Albert Bonner, Fld. Proj. Mgr.
Browning, Montana
Contract Time: 90 working days
Probable Completion Date: 8/31/77

Progress has been poor. The contractor worked 8 hrs. per day with 3 to 6 men employed thru 6/13/77, after which they left this project for 2 weeks to do a job at Heart Butte. The substructure has been completed except for bearing plates and bolts. The subcontractor, Evenson, has been hauling filter material since 6/13/77 at the rate of 1 to 2 loads per day. At the close of work 6/17/77, 45 days of the allotted 90 working days have been used. The project as a whole is 28% complete with 50% of the contract time elapsed. A two man engineering crew is engaged in project inspection and layout.

TQS-464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 miles Glacier County
Grade, gravel, & pl. mix base
Contract not let

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5911

No work by the utility companies this period.

HHS 1-6 (1) 384
U.S. 2 East of Havre
Intersection Improvement
Grade, aggr. surf., pl. mix
Bit. surf.
0.325 mi. Hill County
Contract Let: 12/16/76
Contract Amount: $84,728.80
Work Started: 4/11/77

Baltrusch Construction Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 7/1/77

Progress has been fair. The contractor worked three 8 hr. shifts with up to 15 men employed. The project was seeded and the roadway primed on Monday 6/6/77. Plant mix operations began Thursday 6/16/77. All other contract items are 100% complete. The project as a whole is 80% complete with 90% of the contract time elapsed. A three man engineering crew is assigned to inspection and layout.

F-1-6 (2) 382
U.S. 2 - Havre (E. Section)
1.9 miles, Hill County
Grade, gravel surf., pl. mix surf.,
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work not started

Baltrusch Construction, Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 8/30/78

A preconstruction conference has been set for Tuesday 6/21/77, in the Division office. There has been no work on relocating utilities this reporting period. This item is 50% complete to date. The construction centerline and R/W layout is 75% complete. The staking is 50% complete and construction layout as a whole is 10% complete.

ROS 4144 (52) U-3 &
ROS 4144 (52) U-10
Havre-Simpson and
Fort Benton-Big Sandy
Bridge and Guardrail
0.149 miles
Hill and Chouteau Counties
Contract Amount: $22,750.40
Work Started: 4/25/77

Western Sign Corporation
Great Falls, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6921
Contract Time: 30 working days
Probable Completion Date: 7/1/77.

There has been no work this reporting period. The U-10 portion of the contract was completed 5/5/77. A suspension of contract time was given at the close of work 5/5/77 because of the

ROS 4144 (52) U-3 & (Continued)
ROS 4144 (52) U-10

unavailability of guard rail material from the manufactor for U-3 portion of the contract. The project as a whole is 75% complete with 30% of the contract time elapsed.

Respectfully submitted,

Hazen D. Flickinger, P. E. Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
JUNE 16, 1977

CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending June 14, 1977.

GENERAL

Progress throughout the Division has been fair. The weather was mostly fair. Temperatures ranged from +40 degrees to +90 degrees. Progress was slowed by laborers strike.

PRECONSTRUCTION

F-25-1(1) CIRCLE-NORTH — Unassigned
Length - 8.4 Miles
Survey Authorized - March 16, 1977

Work will begin when personnel are available.

F-42-1(1)0 FLOWING WELLS-NORTH — LeRoy Anderson, Lab. Supv.
Length - 19.7 Miles — Wolf Point, Montana - Phone 653-1050
Survey Authorized - March 16, 1977 — Est. Comp. Date(Soil Survey) - July 15, 1977

Soil survey was started May 23, 1977 with 2 men working 4 days obtaining samples which are 100% complete. Twenty mandays used by lab personnel on soils analysis tests which are 50% complete. The soil survey as a whole is 70% complete with 28 mandays used.

F-RF-245(12), SAVAGE-CRANE — David A. McCloy, Fld. Proj. Mgr.
Length - 8.0± Miles — Glendive, Montana - Phone 365-5296
Survey Started - December 11, 1972 — Design Started - August 4, 1975
Est. Comp. Date - May 1, 1978

No work on this project during the past period. Fly line, centerline, bench levels and cross sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 mandays used to date. To date 26½ mandays have been used checking topog on hardshell, tracing linen plan sheets and plotting profile on plan sheets. Design is 3% complete with 26½ mandays used to date.

RF-325(9), SIDNEY-FAIRVIEW — David A. McCloy, Fld. Proj. Mgr.
Length - 11.6± Miles — Glendive, Montana-Phone 365-5296
Reconnaissance Survey

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 mandays used to date.

4370, YELLOWSTONE RIVER BRIDGE AT SIDNEY — Unassigned
Ground Control
Survey Authorized - May 5, 1977

Work will begin when personnel are available.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW — Gerald L. Kuester, Designer II
Length - 6.0 Miles — Glendive, Montana - Phone 365-5296
Survey Authorized - Dec. 23, 1969 — Design Started - July 1, 1971
Survey Started - February 8, 1971 — Estimated Design Comp. - Dec. 31, 1978
Survey Completed - April 6, 1971

Design of this project remains 11% complete with 25 mandays used to date.

RS-252-1(1), CIRCLE-NORTHWEST — H. D. Kelly, Fld. Proj. Mgr.
Length - 10.524 Miles — Glendive, Montana - Phone 365-2877
Survey Authorized - March 20, 1974 — Est. Comp. Date - April 30, 1978
Survey Started - September 17, 1975

A two to five man crew worked on this project May 23, 1977 to June 14, 1977. Work consisted of rerunning centerline from Sta. 380+00 to 611+15.4, crossectioning from 380+00 to 520+00, and rerunning bench levels to 560+00, using 37 mandays this past period for a total to date of 478.5. The survey as a whole is 58% complete.

RS-253-2(1)36, BROCKWAY-SOUTH — Unassigned
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-261-1(2), WIBAUX-NORTH — Gerald L. Kuester, Designer II
Length - 4.8 Miles — Glendive, Montana - Phone 365-5296
Survey Authorized - Dec. 28, 1976 — Design Started - June 9, 1977
Estimated Design Comp. Date - Aug. 1, 1977

During the past period, 4 mandays were used plotting cross sections, making summaries and computing quantities. Design is 60% complete with 4 mandays used to date.

S-323-1(1)27, ALZADA-EKALAKA — Unassigned
Length - 18.4 Miles
Survey Authorized - March 4, 1970

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Eighty-eight mandays used to date. Work has been suspended until personnel are available.

PROGRESS REPORT

PRECONSTRUCTION

S-335-1(1)2, 2ND SECTION, MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - Aug. 30, 1977

No work on this project during the past period. Plans were sent to Helena for P.I.H. prints on May 4, 1977. Design is 50% complete with 105½ mandays used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. - Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Str.
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - November 30, 1977

Progress this past period has been fair. Prime contractor Joe Mayo & Son, Inc. employed 48 to 67 men working six 9-hour shifts on grading operations and four 8-hour shifts on gravel. Work consisted of hauling and placing 47,280 cu. yds. uncl. exc. for 98% complete, excavated 36 cu. yds. culvert exc. for 64% complete, installed 180 lin. ft. of C.S.P. Drain making the culvert items 72% complete, producing and hauling 3027 tons 3/4" Top Surf. Type "A" on the Powder River portion of the project for 100% complete, producing and hauling 14,244 tons 1½" C.B.S. Type "A" Grade 5 on the Fallon portion for 40% complete. Sub-contractor, Swingen Construction Co. employed ten to sixteen men working five 8-hour and one 6-hour shifts. Work consisted of placing 25.8 cu. yds. Class AD concrete for curbs lt. and rt. bridge over BNRR and stripping deck forms from between beams on WBL structure, forming and pouring 600 sq. yds. ditch liner on the Powder River portion for 31% complete. The project as a whole is 74% complete with 176 working days used or 67% of the contract time elapsed. Construction layout is 93% complete with 11 engineers and 9 inspectors or testers employed this past period.

I-94-5(15)183 UNIT 2
FALLON - DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A.J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Comp. Date - June 9, 1977

Progress this past period has been good. One to four men worked three 8-hour shifts. The top one foot of concrete was removed from the side anchor on Fish & Game Land, backfilled with topsoil and seeded with grass along with two other side anchors. Concrete finishers repaired chipped and bruised areas in bent and pier units. All work was completed on June 9, 1977 and project accepted as of that date. Ninety-four working days were used to complete the project or 72% of the contract time. Final estimate and supporting data is 99% complete and the completed portion has been checked in the division office. Final submittal is anticipated to be prior to June 24, 1977.

PROGRESS REPORT

CONSTRUCTION

I-94-5(15)183 UNIT 3
FALLON - DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - Jan. 27, 1977
Amount of Contract - $1,005,548.41
Work Started - April 21, 1977

Weyher Construction Company
P. O. Box 628, Salt Lake City, UT 84110
A. J. Kuntz, Fld. Proj. Manager
Glendive, Montana - Phone 365-5296
Prob. Comp. Date - June 1, 1978

Progress during this past period has been poor. Due to laborer strike only 5 regular 8-hour shifts were worked with 11 to 15 men employed. One shift was worked during strike with 4 supervisory personnel unloading re-steel that arrived at the site. All the re-steel is on the project. Regular work was resumed June 8, 1977 on forming of backwall for Bent 7 EBL. Class BD Concrete was deposited for this backwall on June 13, 1977. Deck forming was also in progress for Spans No. 5 and 6. Project as a whole remains 3% complete with 40 working days used or 27% of the contract time elapsed. Construction layout with one engineer, one aid and one batch plant inspector part time is 20% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Comp. Date - June 10, 1977

The project was certified complete on June 10, 1977. The final notes and white prints have been checked in the Division Office. The comparison sheets and explanatory notes will be written and final estimate submitted about July 15, 1977.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(29)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - Oct. 1, 1977

Progress this past period has been poor. Prime contractor Joe Mayo & Son, Inc. worked two 9-hour shifts employing 5 men. Work consisted of clean up of the project. The project as a whole is 98% complete with 221 working days used or 90% of the contract time elapsed. Construction layout is 100% complete. One engineer is working on final quantities.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
David A. McCloy, Fld. Proj. Mgr. -Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - November 1, 1977

I-94-6(29)226 UNIT 1, GLENDIVE-WIBAUX CO. LINE WEST (Cont.)....

Progress during the past period was fair. Prime Contractor Joe Mayo & Son stripped and stockpiled 8585 cu. yds. of topsoil; and moved 30,248 cu. yds of uncl. exc. employed 21 men for six 9-hour shifts. Also laid 333 ft. of 24 Inch CSP making the culvert items 3% complete. Structure sub-contractor F. L. Flynn & Co. employed a total of 10 men for five 8-hour shifts. Work consisted of placing concrete for backwall abut. No. 1, forming work, placing and tieing (deck slab) reinf. steel work in progress on westbound structure over Hodges Co. Road with plans to pour deck slab June 15, 1977. Structure work items and percent complete are: Class "AD" Concrete, 51%; Structural Steel, 68%; Reinf. Steel, 64%. This sub-contract is 59% complete. The project is estimated at 21% complete with 25% of the contract time charged to date, with four to eight engineers and testers employed this past period.

RF-391(16), LAMBERT-EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Prob. Comp. Date - June 30, 1977

No work on the project this past period. All items remain at 100% complete with the exception of seal and cover application and final pavement marking. All cover material is crushed and stockpiled and ready for application to the roadway. The sub-contractor for seal operations began moving in on June 14 and plans are to begin seal operations on June 15. The project as a whole is 75% complete with 80 days or 73% of the contract time elapsed. The construction layout is 100% complete, engineering and inspection crew are engaged on other projects.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base & Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 58718
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 160 Working Days
Prob. Comp. Date - Aug. 30, 1977

Progress has been fair. Thirteen to fifteen men worked seven 9-hour shifts this past period grading in miles 1 and 2, finishing in miles 3, 4, 5 and 6 and installing small drainage structures. The major portion of the grading is completed. Progress has been impeded because of the labor strike which has kept operations less than 60% efficient. The gravel crew plans to begin placing base course the week of June 20, all surfacing materials are stockpiled and ready for use. Items and percent complete are: Uncl. Exc. 99% complete; Culvert installation 99%; Fencing 95%; Riprap 97%; "DD" concrete 100%; Stockpiled surfacing materials 100%. The road portion of the project is 54% complete, bridge is 98% complete with handrail painting the only work remaining. The project as a whole is 58% complete with 134 days or 82% of the contract time elapsed. The construction layout is 100% complete with an eight man engineering and inspection crew engaged on the project.

PROGRESS REPORT — CONSTRUCTION

RS-302(23), TERRY - BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Pl. Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier N. Dakota 58220
B. F. Kelly, Fld. Project Manager
Glendive, Montana - Phone 356-5296
Contract Time - 180 Working Days
Prob. Comp. Date - July 15, 1977

Progress this past period has been poor due to strike and 21 day waiting period for sealing items. Contractor Joe Mayo & Son, Inc. worked seven 8-hour shifts reclaiming pit No's. 412111-412416 and 410139-410148. Also doing general clean up such as cleaning out pipes and dragging topsoil for temporary erosion control. Sub-contractor Jim Swan & Son worked three 8-hour shifts installing 41.37 rods antelope farm fence, 8.73 rods F4-W farm fence, 4 single panels and 4 deadmen making all fencing items 100% complete. Also pouring 4 cu. yds. AC-DC concrete for drain chutes for 100% complete. The project as a whole is 95% complete with 165 working days used or 91% of contract time elapsed. Construction layout with 6 men working is estimated to be 89% complete.

RS-323-1(2)47 ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Aggr. Surf., Plant Mix Bitum. Base, Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82
Work Not Yet Started

Earth Builders, Inc.
Box 838, Bismarck, N. Dak. 58501
Unassigned

Contract Time - 120 Working Days
Prob. Comp. Date - July 1, 1978

No word has been received from the contractor.

RS-394(3), WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf. & Prestressed Con. Gir. Bdg.
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Const. & S. Birch, Inc.
P. O. Box 2167, Great Falls, MT 59403
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - Oct. 28, 1977

Progress this past period has been fair. Prime contractor worked five 9-hour shifts employing 42 men hauling and placing 22,720 cu. yds. Uncl. Exc. for a total to date of 205,740 cu. yds. or 49% complete. 159 L.F. of minor drainage items installed for a total to date of 1766 L.F. or 46% complete, culvert excavation of 227 cu. yds. for a total to date of 685 cu. yds. or 38% complete. Topsoil salvage and replace 12,617 cu. yds. for a total to date of 34,601 or 63% complete. Work in progress on the bridge over Little Beaver Creek consisted of driving treated timber piles, Bent. No. 3 and placing class DD conc. for the shaft of Pier No. 2. One 11-hour and four 9-hour shifts were worked with an average of 6 men employed. The structure as a whole is 35% complete and bridge layout with one man eng. crew engaged is 40% complete. The roadway construction layout with a 5 man crew and 4 inspectors is 90% complete. The project as a whole is 25% complete with 41 working days or 27% of the contract time elapsed.

Respectfully,

Bruce Russell, Supervisor
Division Construction Section

BR/JMB/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
June 17, 1977

CONSTRUCTION

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending June 17, 1977.

GENERAL

The weather has been cool to warm with measurable amounts of precipitation throughout the division. Road construction with the exception of minor work has not been resumed. Work on off system signing and off system road projects has resumed in some areas. The temperatures ranged from a low of 52 degrees to a high of 100 degrees.

PRECONSTRUCTION

F 1-8( ), Dodson-Malta (Overlay)
Approximately 9 Miles in Length
Authorized--01-28-77
Design Started--02-02-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-03-77 (PIH)

A total of 21 man days have been used on design to date. Design is approximately 50% complete. Proposed plans were mailed to Helena 05-17-77.

HHS 1-8(2)454, Dodson-East (Seal & Cover)
Approximately 3.6 Miles in Length
Authorized--04-22-77
Design Started--05-17-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-01-77

Design is 50% complete. Proposed plans were mailed to Helena 06-01-77.

HHS 1-9(6)541, Glasgow-East (Seal & Cover)
Approximately 2.3 Miles in Length
Authorized--04-22-77
Design Started--05-10-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-01-77

A total of five man days have been used to date on design. Design is approximately 50% complete. Proposed plans were mailed to Helena 06-01-77.

HHS 1-9(7)565, Frazer-West (Seal & Cover)
Approximately 6.9 Miles in Length
Authorized--04-22-77
Design Started--05-09-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--06-01-77

A total of four man days have been used to date on design. Design is approximately 50% complete. Proposed plans were mailed to Helena 06-01-77.

F 1-0(2)611, Poplar-Brockton (Overlay)
Approximately 14.5 Miles
Authorized--03-16-77
Design Started--05-31-77

Robert Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date (Design)--06-24-77

Seven man days were used this past period preparing typical sections and summation of quantities. A total of nine man days have been used on design to date. Design is approximately 20% complete.

F 32-2(1), Port of Scobey Access
Length--0.1 Mile
Authorized--03-30-77
Location Survey Started--04-04-77
Location Survey Completed--

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--05-06-77 (PIH)

Five man days were used by Division Office personnel preparing plan sheets and summation of quantities. Design is approximately 90% complete with a total of 40 man days used to date. Proposed plans submitted to Helena 06-15-77.

F 193(22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--03-31-78

No work on project this past period; survey crew engaged on construction projects. Percentages complete on the 10.1 mile survey remain as follows: centerline, bench levels, profile and section ties 100% complete; topography 5% complete. The project as a whole is 63% complete with 581 man days used to date. There will be no more field reports until work is resumed.

RS 239(5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--07-30-77 (PIH)

Two man days were used on design this past period on the line change. Design remains 5% complete.

TQS 250-1(2)37, Wolf Point N & E Loop
Formerly S 98(3)
Approximately 6 Miles in Length
Authorized--12-28-76
Design Started--01-04-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050

PIH inspection was completed 04-28-77. County forces are working on the grading portion of this project. One man day was used on design this past period preparing linen summary. Design is approximately 55% complete. Proposed plans submitted to Helena 06-06-77.

RS 257(5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76 (Location)
Est. Compl. Date--

Eleven man days used the past period on line projection and earthwork input sheets. A total of 170 man days have been used to date on design. Plans for projection line are 5% complete. Waiting for determination of which construction alternate will be proposed. Valley County officials have submitted their recommendation to headquarters.

RF 266(11), Macon-North
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1301
Est. Compl. Date--11-30-77

Centerline, bench levels and topography are 100% complete. Section ties are 65% complete. 10 man days used this period for a total to date of 286 man days.

RF 266(14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77

George Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--11-30-77

No work on project this past period. Levels and check levels are 100% complete. Topography is 60% complete. Cross sectioning is 10% complete. Section ties are 35% complete. The survey as a whole is 45% complete with 286 man days used to date.

F 273(16), Missouri River Bridge-South of Culbertson
Approximately 0.2 Miles in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--06-15-77

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

CONSTRUCTION

RF 001-9-(001)644.2, Culbertson-Diamond Creek
Contract Let--03-31-77
Contract Awarded--04-01-77
Proceed Order Date--04-22-77
Work Started--
Bid Price--$85,761.00

Rehbein Contracting, Inc.
Plains, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--30
Prob. Compl. Date--07-15-77

No work on project this past period. Preconstruction conference held 05-27-77. No word from the contractor as to a firm date of beginning of work. The construction layout is 100% complete. No contract time charged as per item #9 of the special provisions. Engineering crew is engaged on other projects.

RS 15(17) & RS 202(6),
Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--07-15-77

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically checking field notes for supporting data.

RF 153(12)U-1, US #2-Dodson
0.3 Mile in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--07-15-77

No work in progress. Three men working intermittently on notes for final. All other personnel assigned to other projects. The project remains 86% complete with 84% of the contract time elapsed.

RS 248-2(2)18, Opheim-Scobey
Formerly S 8(12)
Length--4.4 Miles
Contract Let--05-26-77
Contract Awarded--
Proceed Order Date--
Bid Price--$669,459.08
Work Started--

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days--110
Prob. Compl. Date--11-30-77

Reference line and staking of earthwork quantities is 100% complete. Construction layout as a whole is 60% complete. Preconstruction conference was held in Division office on 06-14-77. Contractor, Earth Builders, Inc., intends to begin construction on 07-11-77. A six man engineering crew relocated in Scobey 06-13-77.

RRP 266(18), Grade Crossing Signals
Contract Awarded--05-23-77
Proceed Order Date--
Work Started--

Burlington Northern, Inc.
St. Paul, Minnesota
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391

Burlington Northern, Inc., was authorized to proceed with the installation of signal 05-23-77.

ROS 4144(52)U-9, Bridge End Protection
Missouri River Bridge near Wolf Point
0.378 Mile in Length
Bridge end guard rail and advance
flashing beacons
Contract Let--04-28-77
Contract Awarded--05-02-77
Proceed Order Date--05-23-77
Bid Price--$27,158.75
Work Started--05-31-77

Stuber Construction Company
Glasgow, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1301
Working Days--30
Prob. Compl. Date--07-15-77

Removal of miscellaneous items and unclassified excavation are 100% complete. Contractor presently digging holes for guard rail posts. Two to six contractor employees worked eight 8 hour shifts. Project is 15% complete with 50% of the contract time elapsed. One to five state employees are engaged on the project.

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

June 17, 1977

CONSTRUCTION BUREAU

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the report period ending June 17, 1977.

GENERAL

Temperatures ranging from +45 to +70 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout the area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

4370 - Yellowstone R. Br.-E. Billings
Photogrammetric Ground Control
Length 0.5 Miles
Survey Authorized 5-5-77
Work Started 6-1-77

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Completion Date 6-10-77

All requested photogrammetric control data has been forwarded to Helena.

F-4-1(1)0
Wyoming Line No.
Length 19.5 Miles
Survey Authorized 4-12-77
Work Not Started

Engineer Unassigned
Probable Completion Date 12-15-77

Work on this fencing location will begin when personnel are available.

U-16-1(3) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76
Work Not Started

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

One man worked on this project during the last reporting period, attending the final plan in hand inspection. Design work is 50 % complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Survey will commence as soon as personnel are available. Project is 0 % complete.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Work was suspended on February 20 and will continue when personnel are made available.

RS-132(7) Billings - South
8.2 Miles - Location Survey
Survey Authorized 2-26-76
Survey Started 2-14-77

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 8-1-77

There were no men assigned to the Billings South project from April 11, 1977 through May 27, 1977. The project is 28 % complete.

S-332-2(1) Brandenberg - Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

Two men worked on this project during the last reporting period, reviewing grade lines for earthwork computations and inking plan and profile sheets for the extended section of the project. Design work is 52 % complete and the estimated completion date is January 31, 1979.

RS-306-1(1)0 Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

One man worked on this project during the past reporting period, inspecting the existing structure over the Keyser Creek. Design work has not been started on this project. The estimated completion date is April 1, 1982.

S-447-1(1)29 Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Completion Date 6-3-77

All design data has been submitted to Helena for final checking.

S-463-1(1)0 Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 6-1-78

No work was accomplished on this project during the last reporting period. Design work is 50 % complete and the estimated completion date is May 5, 1982.

DP-50(7) Sarpy Creek Road
Photogrammetric Control 27±
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 10-1-77

No work was done on the project this period. Photos and control data have been submitted to Helena and section corner location will continue as time permits.

DP-CT 384-2(2)32-Sarpy Creek Rd.-So. Section
8.7 Miles-Pl. Mix Base, Pl. Mix Surf.
Treasure County
Contract to be let 6-23-77

Donald C. Kittelson, Fld. Project Mgr.
Billings, Montana
Phone No.: 665-3995
Contract Time: 100 Working Days
Probable Completion Date: Unknown

The contract for this project has not been let as of this date but is scheduled for letting on June 23, 1977. A four man survey crew worked eight days on the project running Reference lines and location Bench Marks. The Control Points for the Centerline and Reference lines have been located from Station 5+00 to Station 271+53.7. Two Reference lines have been run from Station 5+00 to Station 271+53.7. Bench Marks have been located from Station 5+00 to Station 270+00. Engineering layout is 11 % Complete.

DP-334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 12-1-77

No work was done by the Field Engineering Crew for the past two weeks. All the personnel was assigned to the following construction projects I-90-9(28)509 U-1, I-90-9(34)491 and FI 188(10). The project is 74 % complete.

CONSTRUCTION

I-IG-90-8(64)391 U1 & I-90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Contract Awarded 6-5-75
Work Started 6-26-76

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 260 Working Days
Probable Completion Date 6-30-77

The contractor did not work on the project during this period. All of the items are 100 % complete except for some striping. The project is 99 % complete with 93 % of the contract time elapsed. No engineering personnel were assigned to the project during this period.

I-90-9(28)509 U1 and I-90-9(34)491 & FI 188 (10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co.'s., Contractors
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 6-30-77

No work was accomplished on the project for the past two weeks, due to the Labor Strike. The contract as a whole remains 98 % complete with 89 % of the contract and extension time elapsed. One man is working in the office on field notes and computations for the projects under construction. The survey crew has been working on the Garryowen

I-90-0(28)509 U1 and I-90-9(34)491 & FI 188 (10) Garryowen North & South Cont.
North and South, Crow Agency-East Frontage Road and Lodge Grass-North projects.

I-90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 6-30-77

No work was accomplished on the project for the past two weeks due to the Labor Strike. The project as a whole is 92 % complete with 89 % of the contract and extension time elapsed. A five man engineering crew was assigned to the project for one day.

I-94-1(37)50 Unit 1
Structure and Approaches Bighorn River 0.22 Miles Yellowstone & Treasure Co's.
Contract Awarded 2-28-77
Amount of Contract - $1,007,315.91
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 210 Working Days
Probable Completion Date 12-1-77

Fair progress. The contractor worked three eight-hour shifts and employed four men on the project working on Work Bridge. The subcontractor worked ten eight-hour shifts and employed seven men on the project hauling excavation-unclass and excavation-unclass borrow and laying pipe. The project was slowed down due to Laborer Strike. Percentage Item Complete: Concrete-Class AD 7 %. Str. Excavation TY 1 86 %. Reinforcing Steel 2 %. Cost of Training Program 6 %. Excavation-Unclass 85 %. Excavation-Unclass Borrow 50 %. Compaction-Roadbed 74 %. Haul 36 %. Traffic Control 12 %. Riprap-Reset 55 %. Excavation-Culvert 90 %. C S P 24 In .064 90 %. The project is 4 % complete with 40 working days or 19 % of the contract time elapsed. Structure and approach staking and computations are 5 % complete. Thirty-five man days have been charged to the project this newsletter period.

I-94-2(17)60 U1 & I-94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 8-1-77

Progress has been fair. The contractor lost two working days due to laborer strike and one working day due to Hot Plant breakdown. The Crusher worked four ten-hour shifts crushing and hauling Base Surfacing. The Contractor began moving the crusher to another project on June 8, 1977. This operation employed eighteen men. The Hot Plant worked eight, ten to thirteen hour shifts producing Plant Mix Base, Grade 1. Progress is only fair as the stockpile has an excess amount of moisture. This operation employes sixteen men. Frank Gurney, Inc. sub-contractor worked two eight

I-94-2(17)60 U1 & I-94-2(19)56 Cont.

hour shifts on the add one lane portion of this project installing guardrail. He employes five men. Swan & Son, subcontractor worked five eight hour shifts installing fence on this project. He employes five men. F. L. Flynn sub-contractor worked five eight hour shifts on Change Order No. 13 installing Slope Protection under the Hysham Interchange. He employes four men. Seventeen employees are presently assigned to this project. Construction layout is 74 % complete. Present complete of various items are as follows: Grading 97 %. Surfacing 54 %. Drainage 94 %. Structure 97 %. Fencing 81 %. Signing 16 %. Project as a whole 74 %. 266 of the allotted 306 working days have been used, making 87 % of the contract time elapsed.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 9-1-77

Poor progress because of work being suspended due to the Labor's Strike. The contractor worked 4-eight hour shifts hauling Unclassified Excavation from cut Station 21+25-33+10 to fill area Station 33+10-39+47 bridge end at five mile creek and also from cut Station 90+00-94+60 to fill area 94+60-99+00. Begun excavating for headwalls at Station 173+30. The contractor has been placing many construction signs and delineators thoughout the project. The structure contractor worked 3-eight hour shifts and employed five men reporting fair progress. Deck slab forms are being removed and concrete is being finished at Station 39+84.5. Deck slab surface irregularities were corrected by grinding and filling with epoxy, both coats of protective coat were applied and the bridge rail was spot painted at both structures. Bozeman Sand & Gravel Co., sub-contractor, hauling 2232.9 tons of 1½" Base Course from stockpile to the roadway Stations: 69+92 B.E. to 77+32. On the roadway items the grading is 69 % complete, the drainage items are 72 % complete, fencing is 85 % complete, surfacing items are 39 % complete and the concrete items are 11 % complete. On the structures all items remain as previously reported and the structures as a whole are 95 % complete. The project is 51 % complete with 35 % of the contract time elapsed. An average of 22 men were employed. Twelve persons were assigned to the project for engineering and inspection work, and a two man crew was engaged in structure inspection. The structure layout is 99 % complete and the roadway engineering layout is 31 % complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 7-1-77

There was no work in progress this reporting period. The project is complete except for the installation of Traffic Signals at Center Ave. and Third st. which will be done at a later date under Extra Work Order No. 2. A letter of conditional acceptance was issued on April 21, 1977. A shutdown is in effect due to the conditional acceptance.

RF 188(9) Center Ave. & 3rd St. Cont.
The Miscellaneous items are 100 % complete. The Grading items are 100 % complete. The Drainage items are 100 % complete. The Surfacing items are 100 % complete. The Curb and Gutter items are 100 % complete. The Signing and Lighting items remain 95 % complete. The fencing items are 100 % complete. The project as a whole is 97 % complete with 139 working days of the 216 allowed having been used or 64 % of the contract time elapsed. Two men have been working in the office on the project final. Engineering layout is 100 % complete.

M 1006(1) Broadwater Avenue
12th to 14th Street West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Completion Date 4-22-77

Twenty-four man days have been charged to the project during the past reporting period with three men working in the office on the project final which should be completed by July 1, 1977.

M 1008(2) Central Avenue Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 6-30-77

No work was done on the project until June 8, 1977 due to the labor strike. The subcontractor, Stolzenburg, Inc., had an average of four men employed and worked 2-eight hour shifts placing topsoil and grading slopes which completes his portion of this contract. The subcontractor, Frank Gurney, Inc., had two men employed and worked 1 - four hour shift finishing the placing of Barrier R1-Conc-Precast. Topsoil Salvaging and Placing is 100 % complete and Barrier R1-Conc-Precast is approximately 99 % complete. All other items remain the same as previously reported. Contract time elapsed has been 133 working days or 89 % to date and 18 working days remain. Engineering time charged to the project during the past reporting period has been thirteen man days. The project as a whole is approximately 91 % complete.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf., Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 7-30-77

There has been no work done on the project during the past reporting period. All items remain the same as previously reported. No contract time has been charged to the project in accordance with Spec. Prov. 1b. No engineering time has been charged to the project during the past reporting period. The project as a whole remains approximately 4 % complete.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf., Bit. Base, Signing, in Carbon County
Contract Amount $1,122,589.78
Contract Awarded 4-1-77
Work Not Started

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 12-1-77

Swan & Son Construction,Inc. worked four 8 hour days on fencing items with five men employed. Fencing Items are 64 % complete. Rehbein Contracting, Inc. is working one 9 hour shift per day with 26 men employed. The contractor moved 68,000 Cu. Yds. Unclass. Exc. for a total to date of 144,444 Cu. Yds. The contractor has been finishing roadway and slopes, also placing topsoil. Grading Items are 50 % complete. The contractor installed 160' of 72" CSP, 130' of 84" CSP and 42' of 24" optional pipe. The contractor poured the concrete for the cut off walls on the 72" CSP and poured the concrete for two drainage chutes. Drainage Items are 29 % complete. An eleven man engineering crew has been working on notes, staking culverts, slope staking, blue-topping and inspecting construction. Construction layout is 58 % complete. The project is 22 % complete with 17 % of the contract time elapsed.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and 91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days
Probable Completion Date 6-30-77

Meyer Construction Co. worked three 10 hour shifts placing seal coat and cover. They employed 20 men. Surfacing Items are 99 % complete. Bridge Items are 100 % complete. Grading Items are 100 % complete. Seeding Items are 100 % complete. Drainage Items are 100 % complete. Guardrail Items are 100 % complete. Signing and Striping Items are 43 % complete. Fencing Items are 99 % complete. Construction layout is 100 % complete. A four man engineering crew was assigned to this project for three days inspecting construction. The project is 99 % complete with 93 % of the contract time elapsed.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base and 81.25' Structure - Treasure County
Amount of Contract - $818,564.06
Contract Awarded 6-6-77
Work Not Started

Wickens Brothers, Contractor
Lewistown, Montana
John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 120 Working Days
Probable Completion Date 12-1-77

A four man engineering crew worked two days this reporting period staking culverts. The slope staking portion of this project remains at 75 % complete and culvert staking is 10 % complete. Big Timber Electric, contractor for the Montana Telephone Co., finished the relocation of their cable on June 10, 1977. Wickens Brothers, Contractor plans to start work on this project as soon as all necessary paper work is complete. The Pre-Construction Conference was held on June 15, 1977.

DP 384-1(4)0 Hardin East
19.0 Miles - Pl. Mix Bit. Base Overlay
Seal & Cover, in Big Horn County
Contract Amount $845,091.24
Contract Awarded 4-1-77
Work Not Started

Border States Paving, Inc.
Fargo, North Dakota
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 110 Working Days
Probable Completion Date 8-1-77

The contract for this project was awarded on April 1, 1977. A Notice to Proceed With the Work Order has been received effective April 22, 1977. Meyer Construction Co., Commercial Supplier of the Plant Mix Aggregate, moved a crusher into the pit on June 7, 1977 and has advised us that they will begin crushing on a double shift basis on June 15, 1977. Thirty-two days of the 110 working days allowed have been used or 29 % of the contract time elapsed. The Reference and poppy lines have been run from Station 17+46.2 to 1038+11.2. Profiles have been run on Bridge Ends and out of section areas throughout the project. A three man survey crew worked one day measuring the width of the P.T.W.

HHS 212(20) Lodge Grass-North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 6-30-77

There has been no progress this past week, due to the Labor Strike. The project as a whole remains the same at 92 % complete with 91 % of the contract and extension time elapsed. No engineering personnel were assigned to the project.

HHS 4-2(1)52 U1-Main St. & 1st Ave.-Laurel
Installation of traffic control devices
0.01 Miles
Contract Amount $44,966.00
Contract Awarded 1-31-77
Work Not Started

Midland Electric Co.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 6-30-77

No work has been done by the contractor during the past reporting period. The contractor is currently on a shut down in accordance with Spec. Prov. 1b. No engineering time has been charged to the project during the past reporting period. The project is 0 % complete with 0 % of the contract time elapsed.

Respectfully Submitted,

C. W. Klimpel P.E., Supervisor
Division Construction Section

CWK/JBR/st

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
June 10, 1977

Department of Highways
Helena, Montana

CONSTRUCTION BUREAU

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending June 10, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, occasional showers, and normal temperatures prevailed during the past period. Temperatures ranged from 51° to 88°. All construction projects are in good travel condition. On I-94 paved detours are in use 1 - 2 miles east of Forsyth and 1 - 1.5 miles west of Forsyth--Construction adjacent to PTW 2 miles east to 4 miles west of Hathaway--Trucks crossing PTW 3 miles west of Hathaway. On US-12 traffic is being detoured through Forsyth to temporary connection with US-10 and I-94 at Tenth Street. On Montana 22 grading and graveling are in progress 3 to 5 miles south of Cohagen--Fair travel condition--Traffic control. On Secondary 315 shoulder widening is in progress 1 to 8.5 miles south of Colstrip--850' paved detour around culvert installation 7.5 miles south of Colstrip--Traffic control.

PRECONSTRUCTION

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 20, 1978

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 miles or 1% complete. The survey as a whole is 30% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 12.8 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 30, 1977
Survey Suspended: June 3, 1977

No field work was performed on this survey during the period. As personnel are available drainage data, section ties and additional Topography are being secured for this survey. Design Plan Work Sheets are being prepared and Cross Section limits have been drawn and submitted to Photogammetry for reduction and plotting.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: April 15, 1978

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 544 - 1 (1) 26 - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: Feb. 15, 1978

No work was performed on this project during the past period. To date, right-of-entry permits have been secured, ownerships checked, and fly line established.

DP 466 (1) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: March 15, 1978

Authorization to make this bridge and approach survey was issued January 24, 1977. Engineering personnel will be assigned when available.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth - E & W
Length - 5.745 Mi. Grad., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Field Proj. Mgr. (Structure)
Forsyth, Montana - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

I 94-3 (29) 90 U-2 (Continued)...

Progress during the past period has been poor. The only work performed was minor work on drain chutes and work on the structures. To date unclassified excavation is 97% complete, unclassified borrow is 99% complete, fencing is 59% complete, plant mix type 3 is 10% complete, seeding is 80% complete, and plant mix seal is 80% complete. The following items are 100% complete; SSPP Culvert, CSP Culvert and RCP Culvert. The contractor worked 9 eight-hour shifts with 13 men employed. The structures as a whole are 79% complete. The contract as a whole is 69% complete with 50% of the contract time elapsed. Construction layout, with a 9-man engineering crew engaged, is 80% complete.

I 94-3 (27) 114 - Hathaway - E & W
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Miles City, Montana - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: August 15, 1977

Work in progress during the past period has been fair. 61,551 tons of 1½" crushed base surfacing have been placed or 93% complete. 545 tons of 3/4" crushed top surfacing type "B" were placed making a total of 2,218 or 100% complete. 13,813 tons of 3/4" crushed top surfacing type "A" were placed making a total of 16,300 tons or 77% complete. The subcontractor worked six 9-hour shifts with 20 men employed. The project as a whole is 92% complete with 81% of the contract time elapsed. Construction layout, with a five-man engineering crew engaged, is 90% complete. Subcontractor, Baltrusch Const. Co., plans to start plant mix paving operations June 20, 1977.

F 39-1 (1) 13 - Colstrip-Lame Deer
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Proceed Order: April 22, 1977
Amount of Contract: $678,362.60
Work Started: May 26, 1977

Baltrusch Constr. Co., Contractor
Havre, Montana
Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 80 Working Days
Probable Completion Date: August 1, 1977

Progress during the past period has been good. Shoulder widening is in progress. 2,200 cubic yards of unclassified excavation were moved making a total of 2,200 cubic yards or 49% complete. 7,830 tons of 1" base course Gr. 6A were placed making a total 7,830 tons of 46% complete. Subcontractor, Red Line Transport Co., worked ten 8-hour shifts with 10 men employed. The project as a whole is 9% complete with 40% of the contract time elapsed. Construction layout, with a six-man engineering crew engaged, is 35% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued...

Progress during the past period has been poor. No work was performed on project RF 156 (15). The contractor left the project on May 25, 1977 due to labor disputes and has not returned. On project RF 156 (17), 300 lineal feet of guardrail were erected making a total of 300 lineal feet or 100% complete. Signing is 75% complete. Subcontractor, Western Sign Corp., worked three 10-hour shifts with 6 men employed. The project as a whole is 90% complete with 87% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 95% complete.

RF 157 (28) - Cohagen - South
Length - 5.433 Miles Grading, Agg.
Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 160 Working Days
Probable Completion Date: November 15,1977

Progress during the past period has been good. 89,643 cubic yards of unclassified excavation were moved making a total of 419,643 cubic yards or 71% complete. 11,205 tons of 1½" base course were produced making a total of 11,205 tons or 13% complete. 232 lineal feet of RCP Culvert were installed making a total of 2,146 lineal feet or 80% complete. 767 rods of farm fence Type F2M were installed making a total of 1,729 rods or 96% complete. 1,173 rods of farm fence Type F5M were installed making a total of 1,523 rods or 85% complete. Subcontractor, Sherrodd Inc., worked ten 8-hour shifts with 3 men employed. The contractor worked ten 9-hour shifts with 20 men employed. The project as a whole is 37% complete with 26% of the contract time elapsed. Construction layout, with a twelve-man engineering crew engaged, is 80% complete.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:gs

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STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

CONSTRUCTION BUREAU

June 17, 1977

State of Montana
Department of Highways
Helena, MT 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of June 4, 1977 through June 17, 1977.

GENERAL

The temperature varied from 86° above to 43° above with 1.12 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5-26-70
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on 4-16-73. Bridge Situation Survey was submitted to Helena on 9-18-73. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on 9-18-73. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to Helena on 9-18-73. IBM sheets for Run No. 2 were received on 9-29-76. Items 100% complete are: revising grades, plotting templates, computing volumes, and plotting mass diagram. Tracing Plan and Profile Linens remain 80% complete. Miscellaneous items are 90% complete. Nine and one half man-days were used drawing summaries for 60% complete. The design as a whole is 45% complete with 181 man-days used to date.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-75
Survey Started: 12-13-76

Martin C. VanMil
Field Project Manager
Lewistown, Montana

RS 68 (7) continued...

Location survey data was submitted to the Division Office on 5-10-77 and transmitted to Helena on May 12, 1977. A total of 531 man-days have been expended to date. Some section ties remain to be completed; the section ties are approximately 50% complete.

RF 235 (38) Geyser-Stanford
Approxiamte Length: 12.51 Miles
Survey Authorized: 1-22-74
Survey Started: 1-6-75
Survey Suspended: 4-7-75
Survey Resumed: 1-22-77

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been accomplished the past reporting period. Items and percentages complete are as follows: centerline, bench levels, land ownerships, cross-sections, topography, bridge situations and drainage, and plotting profile are 100% complete; plotting plan is 95% complete; plotting cross-sections is 55% complete; checking and inking cross-sections 35% complete; checking field notes 95% complete; and section ties are 55% complete. A total of 676 man-days have been expended with the field survey work complete except for completing section corner ties.

DESIGN: Sixteen man-days were used this reporting period plotting and inking cross-sections for 94% complete on plotting, 50% complete on inking.

RF 235 (38) Stanford East & West
Approximate Length: 7.3 Miles
Survey Authorized: 9-28-76
Survey Started: 1-31-77
Survey Suspended: 4-6-77
Survey Resumed: 5-19-77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327

Twenty-seven man-days were expended the past reporting period on cross-sectioning. Work is progressing as construction schedules permit. The survey is approximately 35% complete with 229 man-days expended to date.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2-15-72
Survey Started: 11-25-74

Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040

A two-man engineering crew worked five man-days checking field notes and plotting cross-sections. Line run, levels run, B.M.'s established, ownerships checked, topography and profile plotted for 100% complete. Section ties and plan plotted are 33% complete and field notes checked are 80% complete.

The survey as a whole is 93% complete with a total of 416 man-days expended.

RS 462-2 (1) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

RS 462-2 (1) continued...

No field work was done this reporting period. Centerline, bench marks set, levels run and checked, roadway cross-sections, topography taken for 100% complete. Drainage areas and drainage recommendations are 90% complete; bridge situation surveys are 92% complete; plotting profile, plan and cross-sections are 100% complete; section ties remain 70% complete. A total of 714 man-days have been used to date and the survey is 96% complete. Field notes checked remain 90% complete.

DESIGN: Tracing plan and profile linens remain 90% complete. Laying preliminary grades and coding IBM sheets for Run No. 1 are 100% complete. The IBM Run was submitted to Helena on May 5, 1977. The design as a whole is 15% complete with 58 man-days expended to date.

RF 229 (17) Lewistown - East — Unassigned at this time
Approximate Length: 12.6 Miles
Survey Authorized: 6-2-77
Survey Started:

No work has been accomplished on this project to date. Survey will begin as soon as a crew is available.

RF 43 - 1 (1)3 Three miles North of Lewistown — Unassigned at this time
Approximate Length: 11.3 Miles
Survey Authorized: 6-1-77
Survey Started:

No work has been accomplished on this project to date. Survey will begin when a crew becomes available.

RF 57-3 ( )112.8 Grass Range Wye-East — Unassigned at this time
Approximate Length: 8.9 Miles
Survey Authorized: 6-2-77
Survey Started:

No work has been accomplished on this project to date. Survey will begin as soon as a crew becomes available.

F 268 (7) Ryegate-Lavina
Approximate Length: 2.0 Miles
Survey Authorized: 6-2-77
Survey Started: 6-3-77

Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040

A five-man engineering crew worked 15 man-days establishing line projection between Station 120+00 and Station 230+00, closing traverse, and setting control points for curves between Station 126+29.2 and Station 186+59. Some additional field work at P.I. Station 220+93.3 will be needed to determine error in closing into the bearing of the present line ahead. A total of 15 man-days have been worked on the project and it is 15% complete.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off System

Utility agreements for the Stanford and Windham crossings were received by the Lewistown office on 10-14-76 for the Windham crossing and on 12-29-76 for the Stanford crossing. The work on the Stanford crossing was started on 11-8-76, and was completed 2-24-77. Work started on the Windham crossing 4-1-77.

SRS 4148 (51) Yogo Inn Crossing - Lewistown
Grade Crossing Signals
Off System

No agreement for the project has been received by the Lewistown Office.

M 7103 (1) Airport Road - Lewistown — Unassigned at this time
Approximate Length: 1.7 Miles
Survey Authorized: 12-6-76

No work has been done on this survey to date.

M 7106 (3) Spring Street, 8th-11th - Lewistown — Unassigned at this time
Approximate Length: 1100.0 Feet
Survey Authorized: 12-6-76

No work has been done on this survey to date.

M 7109 (1) 4th Avenue - Lewistown — Unassigned at this time
Approximate Length: 0.4 Miles
Survey Authorized: 9-28-76

No work has been done on this survey to date. Work will begin when a crew becomes available.

RS 245-1 (1) 6 Miles Northwest - Jordan — Unassigned at this time
Approximate Length: 8.0 Miles
Survey Authorized: 9-28-76

No work has been done on this survey. Location and Design Public Hearing was held on 10-19-76 in Jordan.

RS 294-1 (2) 12 Lennep-East & West — Unassigned at this time
Approximate Length: 7.0 Miles
Survey Authorized: 5-24-77

No work has been done on this project to date. Survey will begin as soon as a crew becomes available.

CONSTRUCTION

ER 72 (15) Armells Creek Slide
Length: 0.05 Miles
Grade, Channel Change & Riprap
Fergus County
Contract Awarded: 8-30-76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 40 working days
Completion Date: 4-14-77

The project was completed on April 14, 1977, with 97.6% of the allotted contract time used. On April 18, 1977, Mr. R. W. Freeman, Division Construction Section Supervisor, made final inspection and acceptance of the project. The final estimate and supporting data were submitted to the Division Office on May 19,1977 and will be submitted to Helena June 24, 1977.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation
Signing, Lighting, and 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Company
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 160 working days
Prob. Completion Date: 7-15-77

The project as a whole is essentially complete with the exception of lawn establishment requirements. Work this reporting period consisted of re-striping traffic lanes from Station 0+12 to Station 56+50. Walt Lins, sub-contractor, worked two 8-hr. shifts with two men employed. 88% of the contract working days have been expended. A five-man engineering crew is checking final estimate quantities, project summary sheets, and corrected white prints.

RF 138 (8) Roundup-North
Length: 6.2 Miles
Grade, Gravel, Plant Mix Surfacing
Bridge
Contract Awarded: 5-24-76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow, S.E.T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 working days
Prob. Completion Date: 9-15-77

Work accomplished this reporting period consisted of producing and placing 9158.0 tons of plant mix surfacing Gr. B, using 130.1 tons of mineral filler (Fly Ash) and 507.16 tons of 120-150 asphalt cement. This completes the roadway and a portion of the approaches, making them 99% complete. The remaining approaches will be completed by 6-15-77 and final cleanup will begin. The project was shut down due to Laborer's strike from May 26 to June 6, 1977. The project is 92% complete with 74% of the contract time elapsed. A 7-man engineering crew is assigned it project inspection and layout.

BRIDGE: 100% complete pending guardrail touchup.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde Construction Co. and
Maronick Construciton Co. (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 working days
Probable Compl. Date: 9-15-77

Progress the past reporting period has been fair. 20,729 tons of 1½" C.B.C. were placed for a total to date of 191,737 tons or 99% complete. Crushing of C.B.C. was completed on June 9 and the crusher has been transported off the project. The major operation at this time is finishing of the gravel to bluetop elevations in preparation for prime. Maronick Const. Co., Inc. has 13 to 26 men employed and is working one 9-hr. shift per day, five days per week.

RS 444 (3) continued...

Swan and Son, Inc. began completion of fencing on June 14. Work has consisted of temporary fence removal around road approaches and Sage Creek culverts and installation of permanent fence. The sub-contractor has 4 men employed and is working one 8-hr. shift per day five days per week.

Hilde Const. Co., Inc. began moving in the hot plant on June 14 and began setting it up on June 17. Hilde Const. Co., Inc. has 2 to 8 men employed and worked one 8-hr. shift.

The project is 74% complete with 72% of the contract time elapsed. Construction layout with 11 engineering personnel assigned to the project is 91% complete.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing
Plant Mix Surfacing, Drain, Seal and
Cover, Signing, and Construct an 85.0
Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-19-76

Zook Brothers Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 175 working days
Prob. Completion Date: 7-15-77

No work on project this past reporting period. Seal coat application will begin when weather conditions permit. The project as a whole is 92% complete with 66% of the contract working days expended. One man is checking final estimate quantities and documentation.

SMP 1499-76 Maint. Stockpiles on
Various Roads
Fergus, Judith Basin, Musselshell
Petroleum, and Rosebud Counties
Crushing and Stockpiling
Contract Awarded: 11-19-76
Bid Price: $165,960.00

Empire Sand & Gravel Company,Inc.
Billings, Montana
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 120 working days
Prob. Completion Date: 7-15-77

Work during the past reporting period consisited of reclamation of the pit in Judith Basin County. Minor reclamation work remains in the pits in Fergus and Rosebud Counties, which will be accomplished when weather conditions permit. The project is 99% complete with 79% of the contract time elapsed. One man is working on the final estimate which is approximately 80% complete.

ROS 4144 (52) U4 Musselshell County
Guardrail Installation
Project Length: 0.119 Miles

ROS 4144 (52) U13 Musselshell County
Guardrail Installation
Project Length: 0.138 Miles
Contract Awarded: 2-28-77
Work Started: 5-10-77
Contract Amount: $25,223.00

Frank Gurney, Inc. & Subsidiary
Spokane, Washington
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Contract Time: 30 working days
Completion Date: 5-23-77

These projects were completed May 23, 1977. Final inspections have been made. Checking field notes and final quantities are 95% complete.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/jlw

cc: Field Project Managers
Division File

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

JUNE 9, 1977

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

June 9, 1977

MONTANA

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, IMS	72	55 October 1977	R. J. Studer & Sons $3,464,525.00